



Government of Kerala
FOREST DEPARTMENT

A stylized tree graphic with a dark trunk and branches, and a smaller, lighter tree at its base.

KERALA | FOREST STATISTICS 2018



FOREST STATISTICS 2018



PREFACE

The State of Kerala is endowed with rich natural resources. Tropical climate with plenty of sunshine and rainfall favours forests with rich biodiversity and endemism. Western Ghats, one of the Biodiversity hotspots, is running all along the eastern boundary of Kerala. Increasing population and changing lifestyles of the people is exerting great pressure on forests. The greatest challenge faced by present day foresters is to accommodate developmental needs by minimising the destruction of its rich forests.

A manager has to base his decisions on the available data/ information on the subject. The broader and accurate data base, better will be the quality of decisions and efficiency of administration. Analysis of the past performance is a pre-requisite for developing future strategies of management.

'Forest Statistics 2018' is one such effort made by Statistics Wing of the department, headed by Deputy Director (Statistics), to compile and provide vital statistical data much needed by the policy makers to formulate future policies. It is equally needed by various Scientific Institutions, Research Scholars and students of science in their endeavour.

I hope this compilation of data base about the Kerala Forest Department will be of value for all segments of the society, who are having stake on the subject.

A handwritten signature in black ink, appearing to read 'P.K. Kesavan'.

P.K. Kesavan IFS

Principal Chief Conservator of Forests &
Head of Forest Force

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KERALA AT A GLANCE

<i>Geographical Area of Kerala State</i>	<i>38863 km²</i>
<i>Density (persons/ km²)</i>	<i>860</i>
<i>Population (2011 census)</i>	<i>33406061</i>
<i>Per Capita Land (as per 2011 census)</i>	<i>0.116 ha</i>
<i>Male Population</i>	<i>16027412</i>
<i>Female Population</i>	<i>17378649</i>
<i>Rural Population</i>	<i>17471135</i>
<i>Urban Population</i>	<i>15934926</i>
<i>Scheduled Tribe Population</i>	<i>484839</i>
<i>Scheduled Caste Population</i>	<i>3039573</i>
<i>Sex Ratio (female per 1000 male)</i>	<i>1084</i>
<i>Literacy Rate</i> <i>(Male Literacy-96%, Female Literacy-92%)</i>	<i>94%</i>
<i>Life Expectancy</i>	<i>74.6 years</i>
<i>Regional Language</i>	<i>Malayalam</i>
<i>No. of Villages</i>	<i>1644</i>
<i>No. of Grama Panchayath</i>	<i>941</i>
<i>No. of Block Panchayath</i>	<i>152</i>
<i>No. of District Panchayath</i>	<i>14</i>
<i>No. of Municipalities</i>	<i>87</i>
<i>No. of Municipal Corporations</i>	<i>6</i>
<i>Highest Peak</i>	<i>Anamudi</i>
<i>Longest River</i>	<i>Periyar</i>

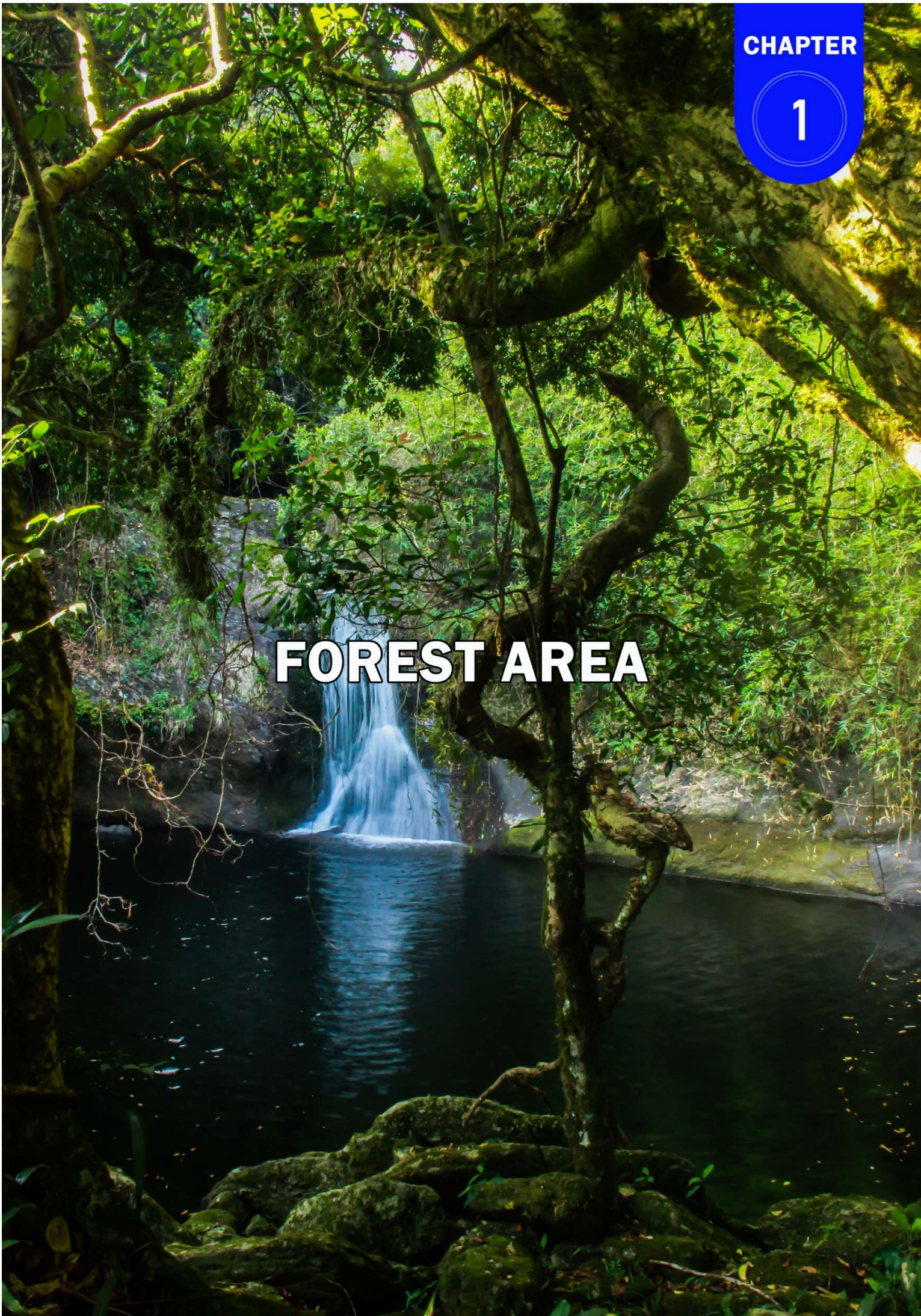
KERALA FOREST STATISTICS AT A GLANCE (AS ON 31.3.2018)

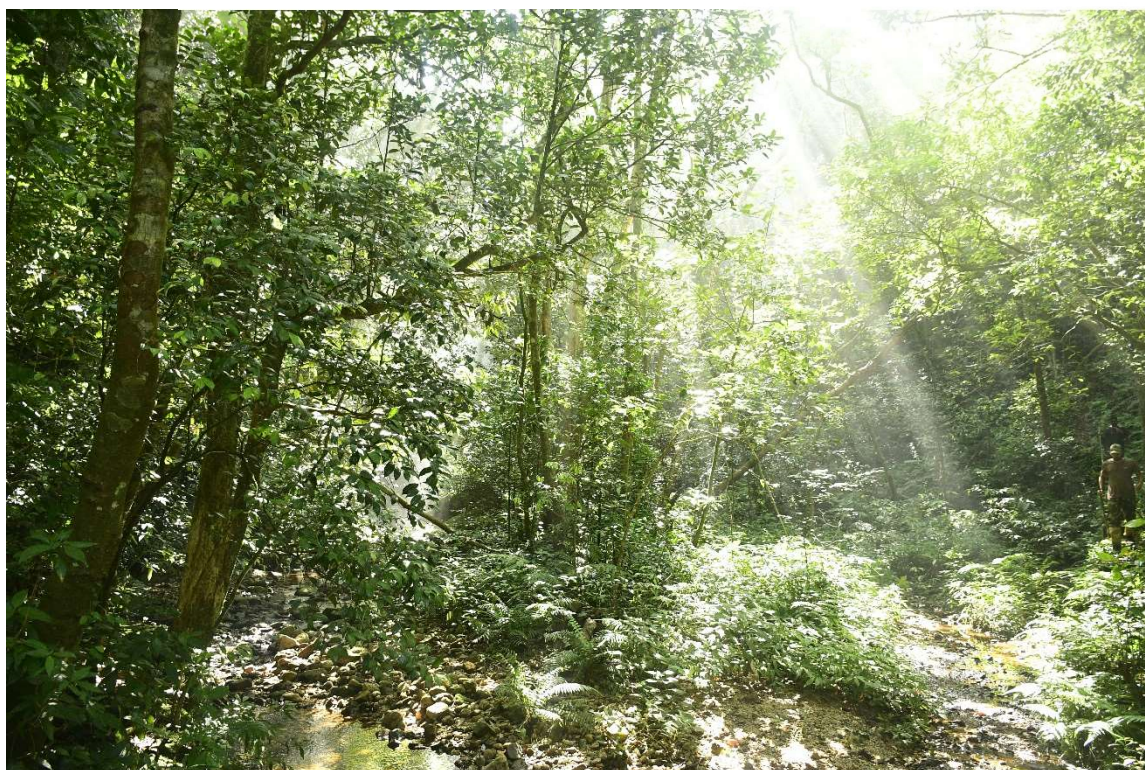
<i>Total Forest Area</i>	<i>11521.813 km²</i>
<i>Total Plantation Area</i>	<i>1556.90 km²</i>
<i>Total Ecologically Fragile Land (EFL) Area</i>	<i>138.68 km²</i>
<i>Extent of Diversion of Forest Land</i>	<i>383.4336 km²</i>
<i>Forest Cover (Forest Survey of India 2017)</i>	<i>20321 km²</i>
<i>Tree Cover (Forest Survey of India 2017)</i>	<i>2959 km²</i>
<i>Mangroves (Forest Survey of India 2017)</i>	<i>9 km²</i>
<i>Carbon Stock in Forest</i> <i>(Forest Survey of India 2017)</i>	<i>255.881</i> <i>million tones</i>
<i>Extent of Water Bodies within Forest</i> <i>(Forest Survey of India 2017)</i>	<i>373 km²</i>
<i>Encroachment</i>	<i>78.01 km²</i>
<i>Revenue from Forest (in crores)</i>	<i>245.42</i>
<i>Expenditure incurred (in crores)</i>	<i>587.15</i>
<i>Number of Wildlife Sanctuaries</i>	<i>17</i>
<i>Number of National Parks</i>	<i>6</i>
<i>Number of Community Reserve</i>	<i>1</i>
<i>Number of Biosphere Reserve</i>	<i>2</i>
<i>Area under Sanctuaries & National Parks</i>	<i>3213.237 km²</i>
<i>Number of Forest Stations</i>	<i>114</i>

<i>Number of Check Posts</i>	75
<i>Number of Timbersales Depots</i>	28
<i>Number of Vanasree eco Shops</i>	36
<i>Number of Tribal Co-operative Societies</i>	27
<i>Number of Eco-tourism National Park and Wild life Sanctuaries Destination</i>	60
<i>Tourist Arrival in Ecotourism Destinations</i>	6322340
<i>Income Generated from Ecotourism Destinations</i>	3041.06 lakhs
<i>Quantity of Major Forest produce</i>	
<i>Timber</i>	28640.845 m ³
<i>Firewood & Billets</i>	5487.261 MT
<i>Sandal Wood</i>	81169.020 kg
<i>Junglewood Poles & Pulpwood</i>	79941.344 MT
<i>Length of Road in charge of forest Department</i>	4791.805 km
<i>Human Wild life incidents during the year under the Report</i>	7229 Nos.
<i>Compensation paid to victims of wild life attack</i>	1018.68 lakhs
<i>Estimation of some important wild life species</i>	
<i>Elephant (Dung count method-2017)</i>	5706
<i>Tiger (Tiger Census -2018)</i>	190
<i>Nilgiri Tahr (Est. population-2016)</i>	1420

<i>Number of fire incidents relating to forest fire</i>	314
<i>Total destructed area by fire</i>	11.15 km ²
<i>Financial loss of fire incidents</i>	0.53 lakhs
<i>No. of seedling distributed by the department</i>	66.12 lakhs
<i>No. of plants planted during the year</i>	57.976 lakhs
<i>Plantation under Kerala Forest Development Corporation</i>	100.54 km ²
<i>No. of Vana Samrakshana Samithies (VSS)</i>	400
<i>No. of Eco Development Committees (EDC)</i>	190
<i>Forest Area under VSS</i>	1751.33 km ²
<i>Number of families under VSS</i>	
<i>SC</i>	7062
<i>ST</i>	15225
<i>Others</i>	36798
<i>Forest area under EDC</i>	10887.07 Ha
<i>Number of families under EDC</i>	
<i>SC</i>	3462
<i>ST</i>	3868
<i>Others</i>	5088

FOREST AREA





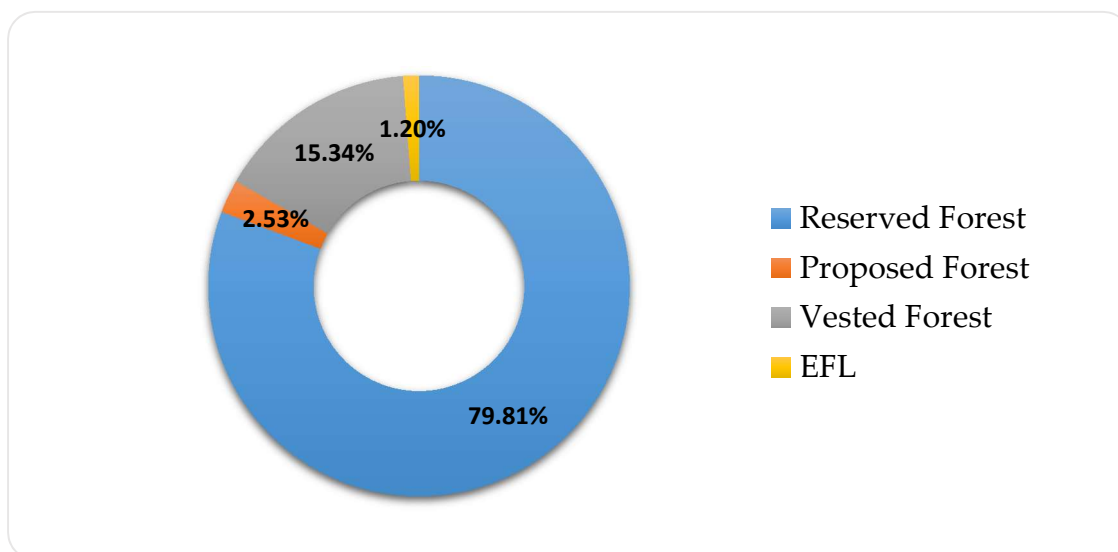
The forest area under the administrative charge of the department is 11521.813 km² at the close of the year 2017-18 and forms 29.65% of the total geographical area of Kerala State (38863 km²).

TABLE 1.1

DISTRIBUTION OF FOREST AREA ACCORDING TO LEGAL STATUS (km²)

Reserve forest	Proposed reserve	Vested Forest	EFL	Others	Division Total
9195.735	291.575	1766.795	138.681	129.027	11521.813
79.81%	2.53%	15.34%	1.20%	1.12%	100%

LEGAL STATUS-WISE DISTRIBUTION OF FOREST AREA OF KERALA



Reserve forest

The forest reserved under Section 19 of Kerala Forest Act and includes forest notified under Section 4 of said act.

Vested forest

Any forest vested in government under Section 3 of the Kerala Private Forest (Vesting & Assignment) Act, 1971.

Ecologically Fragile Land

‘Ecologically fragile land’ means any portion of land held by any person and lying contiguous or encircled by a reserve forest or vested forest or any other forest land owned by the Government and predominantly supporting natural vegetation; and any land declared to be Ecologically Fragile Land (EFL) by the Government by notification in the official gazette under section 4 of Kerala Forest Act.

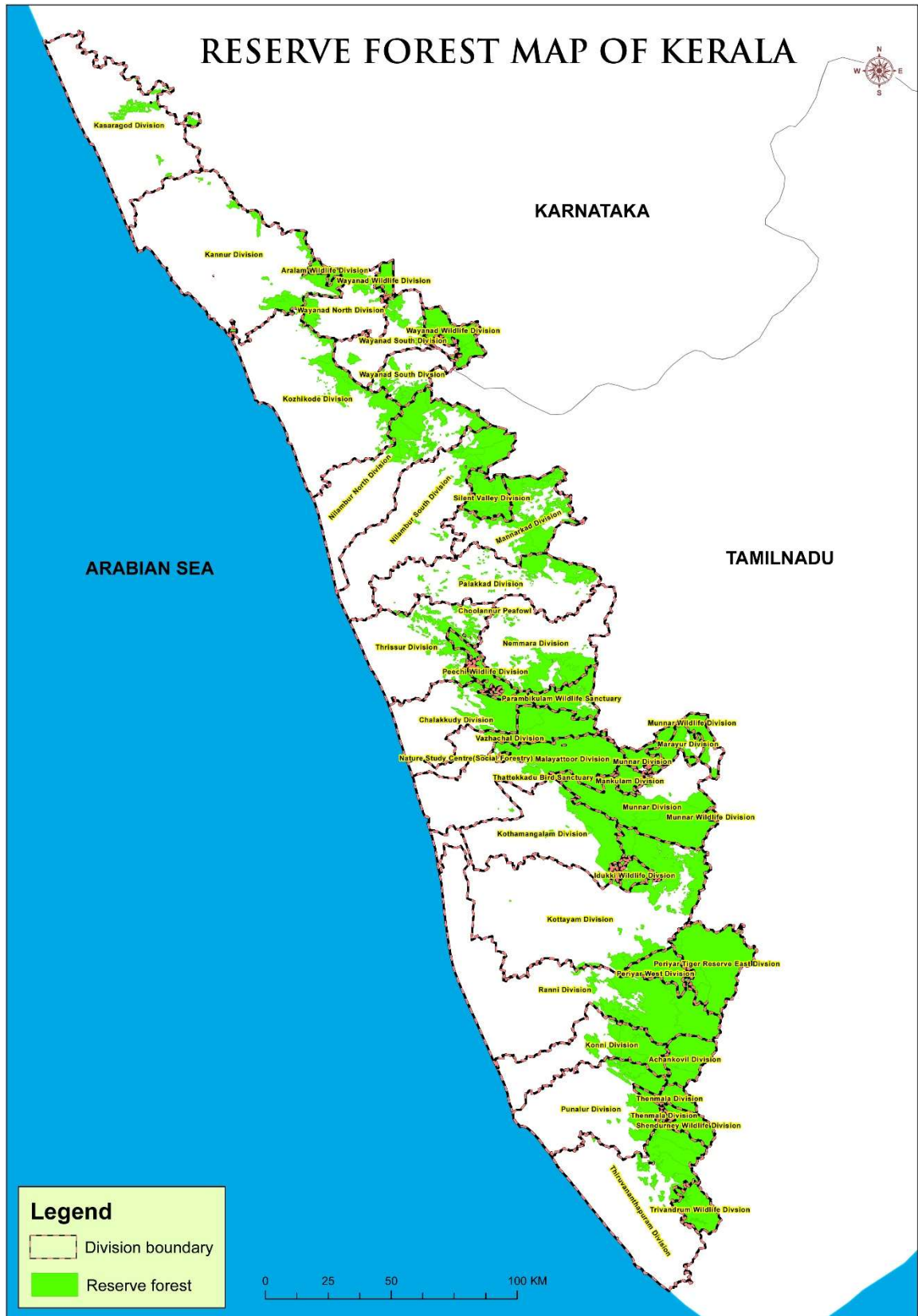


TABLE 1.2 DIVISION-WISE AREA OF FOREST AS ON 31.03.2018 (km²)

Sl. No.	Division	Reserve Forest	Proposed Reserve	Vested Forest	EFL	Others (PA)	Division Total	% of Division Total
SOUTHERN CIRCLE KOLLAM								
1	Thiruvananthapuram	359.124	5.825	0.376	9.284	0	374.609	3.26
2	Thenmala	140.753	0	8.190	0	0	148.943	1.29
3	Achencoil	284.330	0	0.208	1.331	0	285.869	2.48
4	Ranni	902.329	7.225	1.568	0	0	911.122	7.91
5	Punalur	275.381	0	0.169	0.157	0	275.707	2.39
6	Konni	320.553	11.102	3.012	0	0	334.667	2.90
SOUTHERN CIRCLE DIVISION TOTAL		2282.470	24.152	13.523	10.772	0	2330.917	20.23
HIGH RANGE CIRCLE KOTTAYAM								
7	Kothamangalam	316.840	0.024	0.158	0	0	317.022	2.75
8	Munnar *	693.535	69.095	2.575	5.148	0	770.353	6.69
9	Marayoor	14.375	47.260	0.076	2.465	0	64.176	0.56
10	Mankulam	0	90.057	0	0	0	90.057	0.78
11	Kottayam **	627.286	1.069	31.967	2.666	0	662.988	5.75
HIGH RANGE CIRCLE DIVISION TOTAL		1652.036	207.505	34.776	10.279	0	1904.596	16.53
CENTRAL CIRCLE THRISSUR								
12	Vazhachal	353.414	0	0	0	0	353.414	3.07
13	Chalakydy	237.470	0	0	0.040	0	237.509	2.06
14	Malayattoor	609.725	0.556	0	0	0	610.281	5.30
15	Thrissur	207.007	0.034	4.314	0.727	0	212.082	1.84
CENTRAL CIRCLE DIVISION TOTAL		1407.616	0.590	4.314	0.767	0	1413.287	12.27

Sl. No.	Division	Reserve Forest	Proposed Reserve	Vested Forest	EFL	Others (PA)	Division Total	% of Division Total
EASTERN CIRCLE PALAKKAD								
16	Mannarkkad	150.732	0	271.697	7.201	0	429.630	3.73
17	Nilambur North	58.393	0.252	371.820	9.480	0	439.945	3.82
18	Nilambur South	267.599	0	57.385	2.990	0	327.974	2.85
19	Palakkad	73.410	0	160.673	29.287	0	263.370	2.29
20	Nenmara	205.517	0.038	141.875	9.745	0	357.175	3.10
EASTERN CIRCLE DIVISION TOTAL		755.651	0.290	1003.450	58.703	0	1818.094	15.79
NORTHERN CIRCLE KANNUR								
21	Kozhikode	24.400	38.157	231.429	15.072	0	309.058	2.68
22	Wayanad North	134.058	15.107	65.852	9.082	0	224.100	1.95
23	Wayanad South	67.678	3.774	203.123	20.364	0	294.939	2.56
24	Kannur	93.361	0	60.380	4.821	0	158.562	1.38
25	Kasaragod	86.023	1.921	30.061	4.905	0	122.910	1.07
NORTHERN CIRCLE DIVISION TOTAL		405.520	58.959	590.845	54.245	0	1109.569	9.64
AGASTHYAVANAM BIOLOGICAL PARK								
26	Thiruvananthapuram	211.980	0	0	0	0	211.980	1.84
27	Shenthuruni	167.653	0	4.226	0.354	0	172.233	1.49
A B P DIVISION TOTAL		379.633	0	4.226	0.354	0	384.213	3.33
FIELD DIRECTOR (PROJECT TIGER) KOTTAYAM								
28	Periyar East	709.000	0	0	0	0	709.000	6.15
29	Periyar West	216.000	0	0	0	0	216.000	1.87
30	Munnar WL	112.077	0	0	0	129.000	241.077	2.09
31	Idukki WL	130.524	0	0	0	0	130.524	1.13
FD (PT) DIVISION TOTAL		1167.601	0	0	0	129.000	1296.601	11.24

Sl. No.	Division	Reserve Forest	Proposed Reserve	Vested Forest	EFL	Others (PA)	Division Total	% of Division Total
WILDLIFE CIRCLE PALAKKAD								
32	Parambikulam	376.900	0	0	0	0	376.900	3.27
33	Wayanadu (WL)	344.443	0.039	0	0.052	0	344.534	2.99
34	Silent Valley	154.380	0	79.720	3.391	0	237.491	2.06
35	Peechi	210.067	0	3.301	0.119	0	213.487	1.85
36	Aralam	52.740	0	32.640	0	0	85.380	0.74
WL PALAKKAD - DIVISION TOTAL		1138.530	0.039	115.661	3.562	0	1257.792	10.91
OTHERS								
37	TS Kozhikode	0.202	0	0	0	0	0.202	0
38	TS Perumbavoor	0.315	0	0	0	0	0.315	0
39	NSC Kalady	6.161	0.04	0	0	0	6.201	0.05
40	Mangalavanam BS ***	0	0	0	0	0.027	0.027	0
DIVISION TOTAL		6.678	0.040	0	0	0.027	6.745	0.06
GRAND TOTAL		9195.735	291.575	1766.795	138.681	129.027	11521.813	100%

* Includes an extend of 372.98 km² of Cardamom Hill Reserves (CHR) in Munnar Division

** Includes an extend of 479.258 km² of Cardamom Hill Reserves (CHR) in Kottayam Division

*** Protected Area (PA) status only (Munnar WL 129 km² and Mangalavanam 0.027 km²).

TABLE 1.3

**CLASSIFICATION OF FOREST AREA ACCORDING TO UTILIZATION
AS ON 31.03.2018**

Sl No.	Mode of utilization	Area (km ²)	% of Division Total
1	Dense Forests / Degraded Forest	9023.955	78.321
2	Plantation	1556.897	13.513
3	Area under lease	556.785	4.832
4	Forest land diverted under FCA	384.176	3.334
DIVISION TOTAL		11521.813	100%

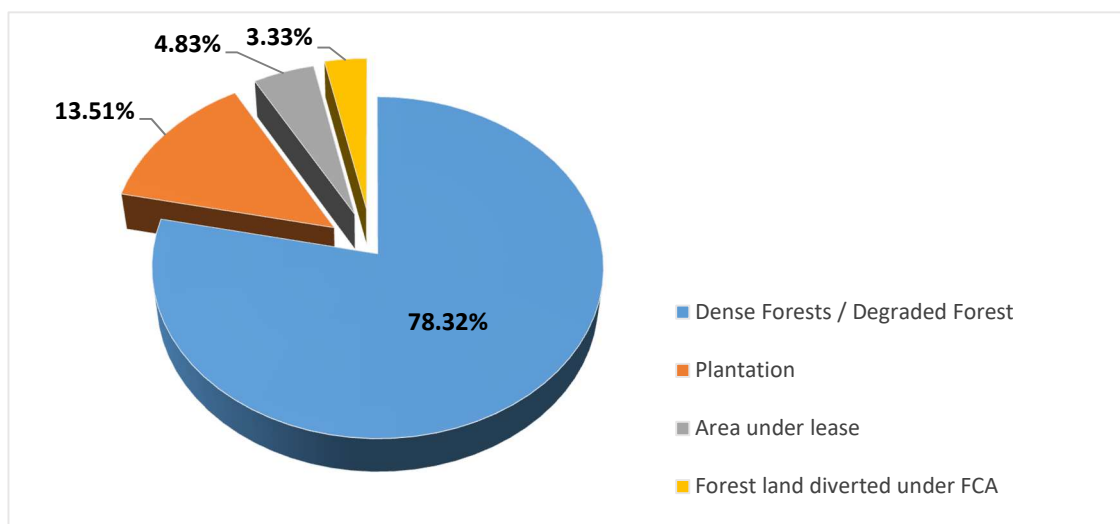
FOREST AREA UTILIZATION IN KERALA


TABLE 1.4

RANGE WISE FOREST AREA AS ON 31.03.2018

Sl. No.	Name of Range	Area (km ²)
TERRITORIAL DIVISIONS		
1	Kulathupuzha	223.274
2	Palode	109.953
3	Paruthippally	41.382
THIRUVANANTHAPURAM DIVISION TOTAL		374.609
4	Ariyankavu	74.707
5	Thenmala	74.236
THENMALA DIVISION TOTAL		148.943

Sl. No.	Name of Range	Area (km ²)
6	Achancovil	90.286
7	Kallar	78.989
8	Kanayar	116.594
ACHANCOVIL DIVISION TOTAL		285.869
9	Ranni	136.295
10	Goodrikkal	505.967
11	Vadasserikkara	268.860
RANNI DIVISION TOTAL		911.122
12	Anchal	143.742
13	Pathanapuram	131.965
PUNALUR DIVISION TOTAL		275.707
14	Konni	62.805
15	Naduvathumoozhi	141.948
16	Mannarappara	129.914
KONNI DIVISION TOTAL		334.667
17	Thodupuzha	218.386
18	Kothamangalam	12.176
19	Kaliyar	49.080
20	Mullaringad	37.380
KOTHAMANGALAM DIVISION TOTAL		317.022
21	Munnar	136.361
22	Devikulam	356.778
23	Adimali	174.474
24	Neriyamangalam	102.740
MUNNAR DIVISION TOTAL		770.353
25	Marayoor	41.520
26	Kanthalloor	22.656
MARAYOOR DIVISION TOTAL		64.176
27	Mankulam	51.877
28	Anakulam	38.180
MANKULAM DIVISION TOTAL		90.057
29	Erumeli	164.318
30	Ayyappancovil	89.278
31	Nagarampara	143.800
32	Kumili	265.592
KOTTAYAM DIVISION TOTAL		662.988

Sl. No.	Name of Range	Area (km ²)
33	Charpa	59.975
34	Vazhachal	90.643
35	Sholayar	78.35
36	Kollathirumed	29.348
37	Athirappally	95.098
VAZHACHAL DIVISION TOTAL		353.414
38	Pariyaram	115.351
39	Palappilly	55.997
40	Vellikkulangara	66.161
CHALAKUDY DIVISION TOTAL		237.509
41	Kalady	66.337
42	Kodanadu	55.434
43	Thundathil	131.400
44	Kuttampuzha	187.040
45	Edamalayar	170.070
MALAYATTOOR DIVISION TOTAL		610.281
46	Vadakkancherry	56.853
47	Pattikkad	81.604
48	Machad	73.625
THRISSUR DIVISION TOTAL		212.082
49	Attappadi	170.232
50	Agali	131.469
51	Mannarkkad	127.929
MANNARKKAD DIVISION TOTAL		429.630
52	Nilambur	125.277
53	Edavanna	177.979
54	Vazhikadavu	136.689
NILAMBUR NORTH DIVISION TOTAL		439.945
55	Kalikavu	62.366
56	Karulai	265.608
NILAMBUR SOUTH DIVISION TOTAL		327.974
57	Olavakkode	81.716
58	Walayar	144.344
59	Ottappalam	37.310
PALAKKAD DIVISION TOTAL		263.370

Sl. No.	Name of Range	Area (km ²)
60	Nelliyampathi	206.577
61	Kollengode	69.714
62	Alathur	80.884
NENMARA DIVISION TOTAL		357.175
63	Peruvannamoozhi	150.614
64	Kuttiyadi	38.912
65	Thamarassery	119.532
KOZHICKODE DIVISION TOTAL		309.058
66	Begoor	106.128
67	Periya	90.096
68	Mananthavady	27.876
WAYANAD NORTH DIVISION TOTAL		224.100
69	Kalpetta	102.826
70	Meppady	116.237
71	Chethalayam	75.876
WAYANAD SOUTH DIVISION TOTAL		294.939
72	Kannavam	84.109
73	Kottiyoor	51.761
74	Thalipparamba	22.692
KANNUR DIVISION TOTAL		158.562
75	Kanjangad	60.981
76	Kasaragode	61.929
KASARAGODE DIVISION TOTAL		122.910
WILDLIFE DIVISIONS		
77	ABP, Kottoor	30.980
78	Neyyar Sanctuary	128.000
79	Peppara Sanctuary	53.000
THIRUVANANTHAPURAM DIVISION TOTAL		211.980
80	Shendurney Sancutuary	172.233
SHENDURUNEY DIVISION TOTAL		172.233
81	Periyar	393.340
82	Thekkady	110.350
83	Vallakkadavu	205.310
PERIYAR EAST (THEKKADY) DIVISION TOTAL		709.000

Sl. No.	Name of Range	Area (km ²)
84	Pampa	66.930
85	Azhutha	149.070
PERIYAR WEST (PEERUMEDU) DIVISION TOTAL		216.000
86	Eravikulam NP	97.000
87	Chinnar wild life sanctuary	90.442
88	Anamudy Shola NP	7.500
89	Mathikettan Shola NP	12.817
90	Pampadum Shola NP	1.318
91	Kurinjimala Sanctuary	32.000
MUNNAR WL DIVISION TOTAL		241.077
92	Idukki	105.364
93	Thattakkad	25.160
IDUKKI DIVISION TOTAL		130.524
94	Sunkom	98.620
95	Parambikulam	102.030
96	Orukkomban	75.260
97	Karimala	100.990
PARAMBIKULAM DIVISION TOTAL		376.900
98	Tholpetty	77.760
99	Kurichiyatt	106.453
100	Muthanga	74.293
101	Sulthan Bathery	86.028
WAYANAD DIVISION TOTAL		344.534
102	Silent Valley National Park	143.491
103	Bhavani	94.000
SILENT VALLEY DIVISION TOTAL		237.491
104	Peechi	125.000
105	Chimmini	85.067
106	Chulannur	3.420
PEECHI DIVISION TOTAL		213.487
107	Aralam	85.380
ARALAM DIVISION TOTAL		85.380

Sl. No.	Name of Range	Area (km ²)
OTHERS		
108	TS Kozhikode	0.202
109	TS Perumbavoor	0.315
110	NSC Kalady	6.201
111	Mangalavanam BS ***	0.027
OTHERS TOTAL		6.745
GRAND TOTAL		11521.813

DIVERSION OF FOREST LAND:

A total area of 383.4336 km² has been allotted to different agencies for non-forestry purposes as per Forest Conservation Act 1980 are summarised below.

TABLE 1.5 DETAILS OF AREA ALLOTTED TO DIFFERENT AGENCIES

Sl. No	Category	Area diverted (Ha)	No. of cases	Degraded Forest Land (DFL) identified (Ha)	No. of cases (DFL)	Non Forest Land (NFL) identified (Ha)	No. of cases (NFL)
1	Defense	36.00	2	65.00	1	0	0
2	Dispensary/Hospital	0.61	2	0	0	0	0
3	Drinking water	7.21	23	6.71	1	0.26	1
4	Encroachment	28588.16	1	57176.00	1	0	0
5	Hydel	311.10	12	345.42	5	141.48	3
6	Irrigation	395.84	27	22.69	6	138.06	7
7	Mining	29.73	1	118.04	1	0	0
8	Rehabilitation	112.00	1	0	0	0	0
9	Road	35.46	22	48.76	5	0	0
10	School	12.96	5	25.90	2	0	0
11	Transmission line	755.19	66	739.86	10	351.99	9
12	Village electricity	26.308	52	12.91	2	0	0
13	Others	8032.79	67	85.26	5	158.20	4
	Total	38343.36	281	58646.55	39	789.99	24

ECOLOGICALLY FRAGILE LAND (EFL) AREA

'Ecologically Fragile Land' means any portion of land held by any person and lying contiguous or encircled by a reserve forest or vested forest or any other forest land owned by the Government and predominantly supporting natural vegetation; and any land declared to be Ecologically Fragile Land (EFL) by the Government by notification in the official gazette under section 4 of Kerala Forest Act.

The state has notified an approximate extent of 13868.10 Ha declared as ecologically fragile land. Approximate extent of 883.8117 Ha has been de-notified as per various redressal mechanism provided under EFL Act.

Division wise ecologically fragile land (EFL) area as on 31.03.2018 is given in table 1.6

TABLE 1.6 DIVISION WISE STATUS OF ECOLOGICALLY FRAGILE LAND

Sl. No.	Division	Area (Ha)
1	Thiruvananthapuram	928.40
2	Achencoil	133.10
3	Punalur	15.70
4	Munnar	514.80
5	Marayoor	246.50
6	Kottayam	266.60
7	Chalakyudi	4.00
8	Thrissur	72.70
9	Mannarkkad	720.10
10	Nilambur North	948.00
11	Nilambur South	299.00
12	Palakkad	2928.70
13	Nenmara	974.50
14	Kozhikode	1507.20
15	Wayanad North	908.20
16	Wayanad South	2036.40
17	Kannur	482.10
18	Kasaragod	490.50

Sl. No.	Division	Area (Ha)
19	Shendurney	35.40
20	Wayanadu (WL)	5.20
21	Silent Valley	339.10
22	Peechi	11.90
GRAND TOTAL		13868.10

ENCROACHMENT

Details of encroachment of forest land as on 31.03.2018 is as follows

TABLE 1.7 DETAILS OF ENCROACHMENT OF FOREST LAND AS ON 31.03.2018

Circle	District	Division	Extent of Encroachment (Ha)
Southern Circle Kollam	Pathanamthitta	Konni	10.59
		Ranni	1.13
	Kollam	Thenmala	7.24
SOUTHERN CIRCLE KOLLAM TOTAL			18.96
High Range Circle Kottayam	Ernakulam	Kothamangalam	147.60
	Kottayam	Kottayam	121.49
	Idukki	Munnar	1099.65
		Marayoor	0.03
		Mankulam	358.43
HIGH RANGE CIRCLE KOTTAYAM TOTAL			1727.20
Central Circle Thrissur	Thrissur	Thrissur	147.04
	Ernakulam	Malayattoor	129.29
CENTRAL CIRCLE THRISSUR TOTAL			276.33
Eastern Circle Palakkad	Malappuram	Nilambur North	682.53
		Nilambur South	2.11
	Palakkad	Palakkad	190.58
		Mannarkkad	2700.34
		Nenmara	244.19
EASTERN CIRCLE PALAKKAD TOTAL			3819.75

Circle	District	Division	Extent of Encroachment (Ha)
Northern Circle Kannur	Kozhikode	Kozhikode	10.40
	Wayanad	Wayanad South	1369.29
		Wayanad North	369.74
	Kannur	Kannur	11.02
NORTHERN CIRCLE KANNUR TOTAL			1760.45
Field Director (PT) Kottayam	Kottayam	Periyar East	.0061
	Idukki	Idukki	5.40
FIELD DIRECTOR (PROJECT TIGER) KOTTAYAM TOTAL			5.4061
Wildlife Circle Palakkad	Thrissur	Peechi	193.02
WILDLIFE CIRCLE PALAKKAD TOTAL			193.02
Grand Total			7801.1161

FOREST COVER

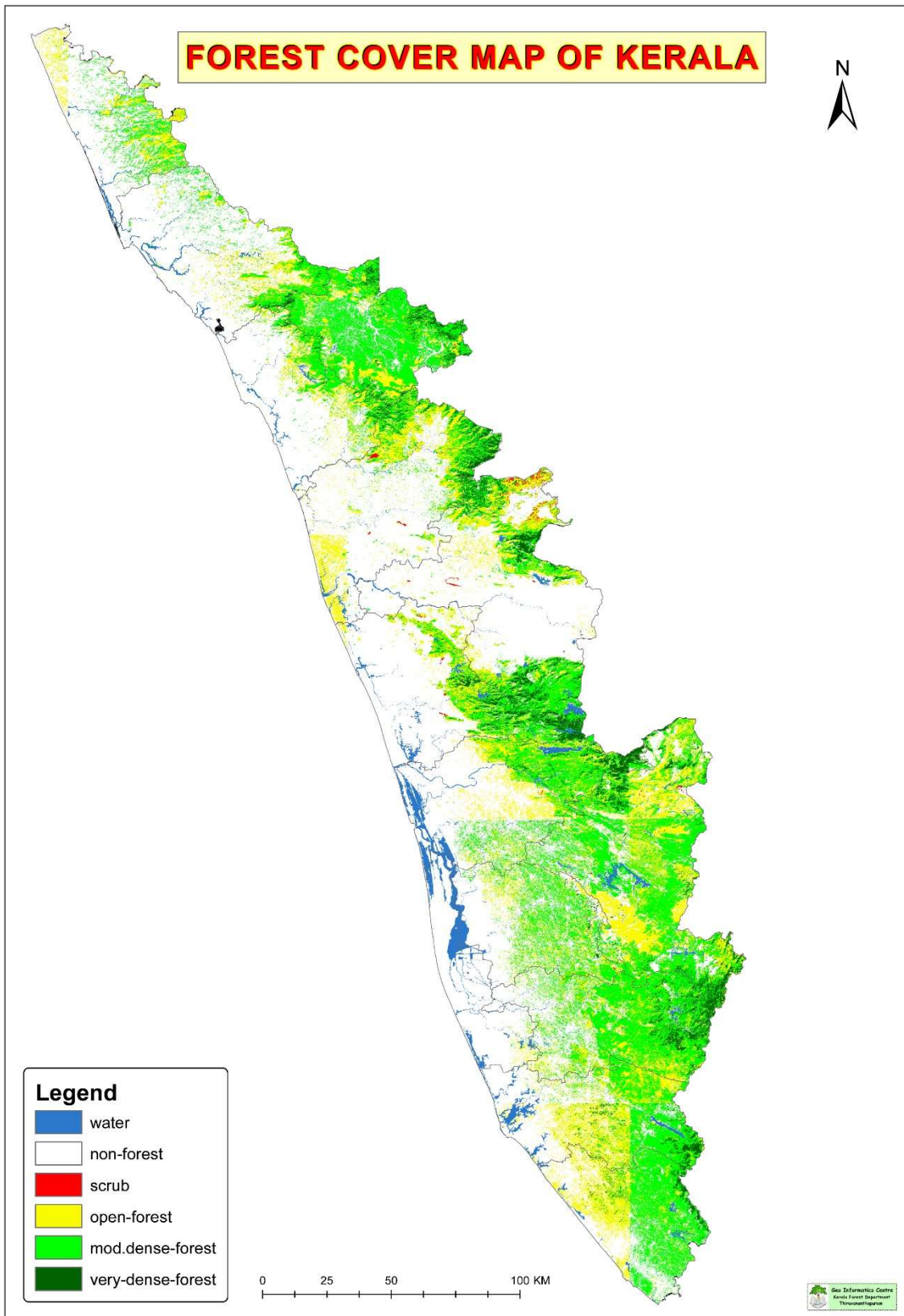
The forest cover in the State based on interpretation of Forest Survey of India 2017 is 20321 km² which is 52.30 % of the state geographical area, shows that forest cover of Kerala increased by 6% from the previous assessment. In terms of forest canopy density classes, the state has 1663 km² area under very dense forest, 9407 km² area under moderately dense forest and 9251 km² area under open forest.

TABLE 1.8 CLASSIFICATION OF FOREST COVER

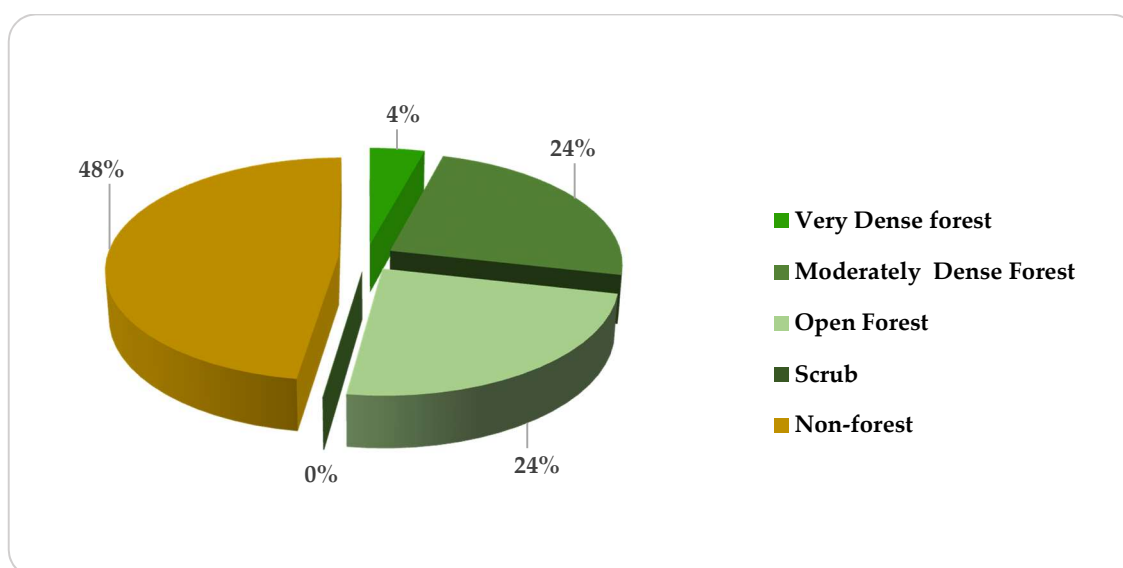
Class	Area (sq km)	% of Geographic Area
Very Dense forest	1663	4.28
Moderately Dense Forest	9407	24.21
Open Forest	9251	23.81
Total Forest Cover *	20321	52.30
Scrub	23	0.06
Non-forest	18508	47.64

*Includes 9 sq. km. under Mangrove Cover Percentage rounded off.

Source: FSI 2017



PERCENTAGE OF FOREST COVER IN DIFFERENT CLASSIFICATION



Comparing district wise area cover in Kerala, Idukki has the largest forest cover (3139 Sq. Km.) in the state followed by Pathanamthitta (1830 Sq. km.), Palakkad (1826 Sq. Km.), Malappuram (1811 Sq. Km.) and Wayand (1580 Sq. Km). Interm of percentage of forest cover with respect to total geographical area, Wayand with 74.18% has the highest forest cover, followed by Idukki (72.06%), Pathanamthitta (69.00%), Kozhikode (63.28%) and Thiruvananthapuram (60.62%). The table reveals that there is an increase in forest cover to the extent of 1043 sq. km. as compared to previous assessment which is mainly due to commercial plantation outside forest area as well as improvement in interpretation.

(Classification scheme for the purpose of assessment in this report is described as follows:)

Class	Description
Very Dense forest	All lands with tree canopy density of 70% and above
Moderately Dense Forest	All lands with tree canopy density of 40% and more but less than 70%
Open Forest	All lands with tree canopy density of 10% and more but less than 40%
Scrub	Degraded forest lands with canopy density less than 10%
Non-forest	Lands not included in any of the above classes

Source: FSI 2017

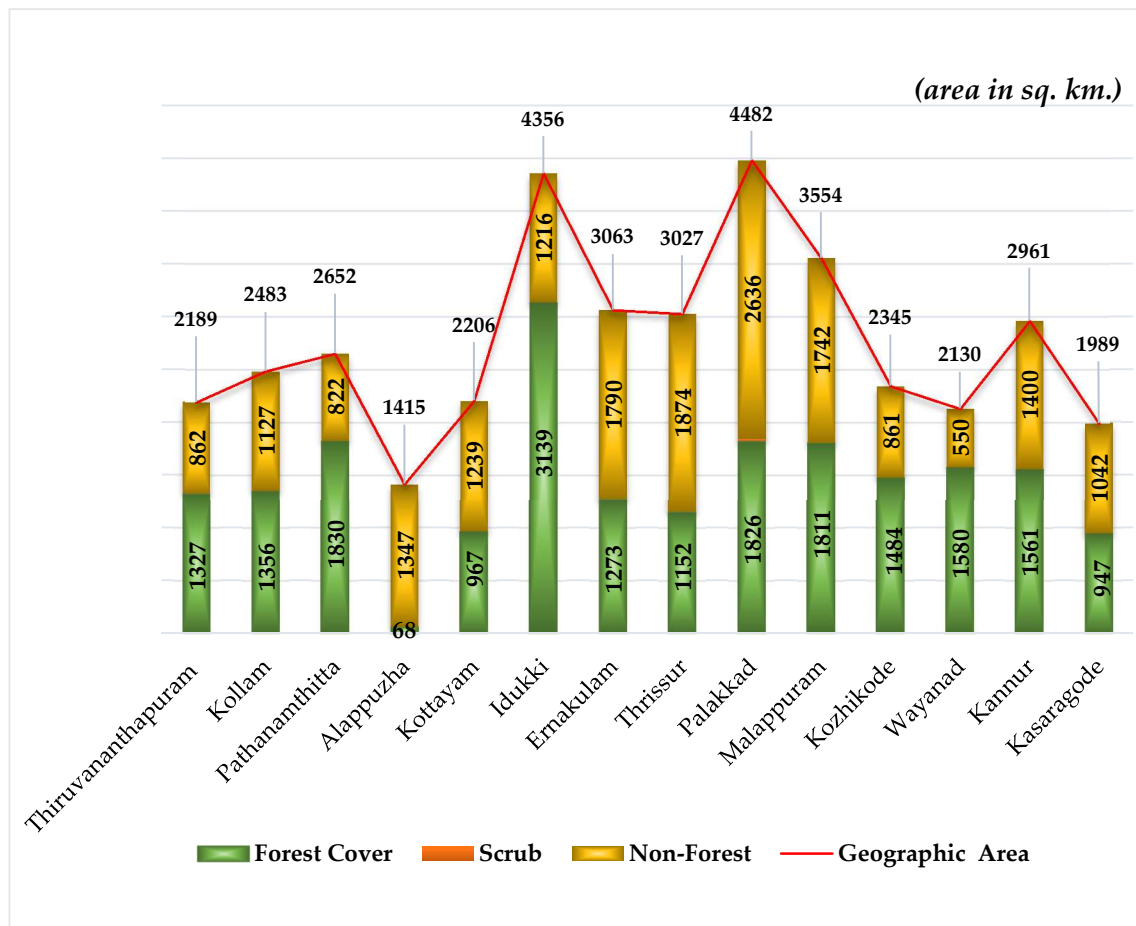
TABLE 1.9 | DISTRICT -WISE FOREST COVER (area in sq. km.)

District	Geographic Area	2017 assessment				% of Geographic Area	Change*	Scrub	Non-Forest
		Very Dense Forest	Moderately Dense Forest	Open Forest	Total Forest Cover				
Thiruvananthapuram	2189	57	701	569	1327	60.62	12		862
Kollam	2483	104	625	627	1356	54.61	-37		1127
Pathanamthitta	2652	162	1229	439	1830	69.00	8		822
Alappuzha	1415	0	27	41	68	4.81	-36		1347
Kottayam	2206	12	521	434	967	43.83	84		1239
Idukki	4356	251	1704	1184	3139	72.06	-74	1	1216
Ernakulam	3063	113	626	534	1273	41.56	31		1790
Thrissur	3027	181	464	507	1152	38.06	31	1	1874
Palakkad	4482	319	681	826	1826	40.74	63	20	2636
Malappuram	3554	143	424	1244	1811	50.96	336	1	1742
Kozhikode	2345	71	410	1003	1484	63.28	433		861
Wayanad	2130	191	1219	170	1580	74.18	-120		550
Kannur	2961	58	486	1017	1561	52.72	226		1400
Kasaragode	1989	1	290	656	947	47.61	86		1042
State Total	38852	1663	9407	9251	20321	52.30	1043	23	18508

*Change compared to updated FSI 2015 assessment.

Source: FSI 2017

DISTRICT -WISE FOREST COVER



MANGROVE COVER

A mangrove is a shrub or small tree that grows in coastal saline or brackish water. The term is also used for tropical coastal vegetation consisting of such species. Mangroves occur worldwide in the tropics and subtropics, mainly between latitudes 25° N and 25° S. Area covered under mangrove vegetation as interpreted from remote sensing data. It is included in the forest cover.

Area covered under mangroves vegetation as interpreted from remote sensing data of Government of India. It is included in the forest cover.

Water bodies and creeks are not included in the mangrove cover.

TABLE 1.10 DISTRICT WISE MANGROVE COVER IN KERALA (km²)

Sl. No.	District	Mangrove cover			
		Very Dense	Moderate Dense	Open Forest	Total
1	Ernakulam	0	1	1	2
2	Kannur	0	4	2	6
3	Kasaragode	0	0	1	1
State Total		0	5	4	9

Source: FSI 2017

National scenario

After taking account the changes observed during assessment periods i.e. ISFR 2015 (updated) and ISFR 2017, there has been increase of 6788 sq. km. forest cover at the national level. Three states namely Andhra Pradesh, Karnataka and Kerala have contributed to an increase of 2,141 sq. km., 1,101sq.km and 1,043 sq. km. respectively. The total forest cover of the country as per the India State of Forest Report 2017 is 7,08,273 sq. km., which constitutes 21.54 percent of the total geographical area (32,87,469 km²) of the country. Of this, 98,158 sq. km. (2.99%) is very dense forest, 3,08,318 sq. km. (9.38%) is moderately dense forest and 3,01,797 sq. km. (9.18%) is open forest cover. The mangrove cover in the country is 4,921 sq. km. which is 0.15% of the country's geographical area. The non-forest cover which includes 45979 sq. km. scrubs and is estimated to cover an area of 25,33,217 sq. km. (77.06%).

Source: FSI 2017

DEMARCATIION OF FOREST BOUNDARIES

The total length of boundary at the close of the year was 16845.81 km. Total length of boundary requiring demarcation was 11554.74 km. The length of forest boundaries artificially demarcated and existing boundaries repaired during the year under report were 2012.68 km and 9541.83 km respectively. 14416 Nos. of jundas has constructed for demarcation of boundaries during 2017-18.

TABLE 1.11 DIVISION-WISE DEMARCATION OF FOREST BOUNDARIES AS ON 31.03.2018
(Length in km)

Sl. No.	Division	Total length of boundary	Length of natural boundary not requiring demarcation	Length of boundary requiring demarcation	Total length of boundary demarcated as on 31.03. 2018	Length of boundary which require demarcation as on 31.03. 2018	Junda constructed during 2017-18 (No.)
SOUTHERN CIRCLE KOLLAM							
1	Thiruvananthapuram	397.29	53.25	344.04	240.04	104.00	1260
2	Thenmala	250	41.21	208.79	202.55	6.24	268
3	Punalur	843.55	483.00	360.55	341.77	18.78	1203
4	Achencoil	221.44	85.52	135.92	128.93	6.99	68
5	Ranni	760.92	337.35	423.57	423.57	0	0
6	Konni	159.70	51.42	108.28	108.28	0	166
SC KOLLAM- DIVISION TOTAL		2632.90	1051.75	1581.15	1445.14	136.01	2965
HIGH RANGE CIRCLE KOTTAYAM							
7	Kottayam	596.14	59.00	537.14	533.99	3.15	435
8	Munnar	1407.00	115.00	1292.00	392.38	899.62	974
9	Kothamangalam	484.11	72.51	411.60	329.75	81.85	255
10	Marayoor	105.00	27.00	78.00	75.58	2.42	0

Sl. No.	Division	Total length of boundary	Length of natural boundary not requiring demarcation	Length of boundary requiring demarcation	Total length of boundary demarcated as on 31.03. 2018	Length of boundary which require demarcation as on 31.03. 2018	Junda constructed during 2017-18 (No.)
11	Mankulam	211.17	58.00	153.17	140.49	12.68	504
HRC KOTTAYAM - DIVISION TOTAL		2803.42	331.51	2471.91	1472.19	999.72	2168
CENTRAL CIRCLE THRISSUR							
12	Malayattoor	720.31	409.30	311.01	307.18	3.60	535
13	Vazhachal	250.00	180.00	70.00	70.00	0	0
14	Chalakkudy	484.99	281.40	203.59	203.59	0	0
15	Thrissur	795.00	25.00	770.00	770	0	12
CC THISSUR - DIVISION TOTAL		2250.30	895.70	1354.60	1350.77	3.60	547
EASTERN CIRCLE PALAKKAD							
16	Nenmara	887.85	171.70	716.15	559.34	156.81	1366
17	Palakkad	764.99	158.19	606.80	472.67	134.13	1543
18	Mannarkkad	893.00	286.00	607.00	465.11	141.89	2092
19	Nilambur (S)	294.88	128.73	166.15	164.05	2.10	21
20	Nilambur (N)	721.00	356.00	365.00	337.29	27.71	591
EC PALAKKAD - DIVISION TOTAL		3561.72	1100.62	2461.10	1998.46	462.64	5613

Sl. No.	Division	Total length of boundary	Length of natural boundary not requiring demarcation	Length of boundary requiring demarcation	Total length of boundary demarcated as on 31.03. 2018	Length of boundary which require demarcation as on 31.03. 2018	Junda constructed during 2017-18 (No.)
NORTHERN CIRCLE KANNUR							
21	Kozhikode	815.39	175.49	639.9	552.49	87.41	1283
22	Wayanadu (S)	1096.30	386.50	709.80	605.52	104.28	377
23	Wayanadu (N)	343.55	103.95	239.60	169.26	70.34	355
24	Kannur	503.35	48.00	455.35	455.35	0	47
25	Kasaragod	630.99	24.40	606.59	593.43	13.16	131
NC KANNUR - DIVISION TOTAL		3389.58	738.34	2651.24	2376.05	275.19	2193
AGASTHYAVANAM BIOLOGICAL PARK							
26	Thiruvananthapuram WL	220.10	67.50	152.60	143.17	9.43	198
27	Shenduruney	103.00	46.07	56.93	56.93	0	74
ABP – WL DIVISION TOTAL		323.10	113.57	209.53	200.10	9.43	272
FIELD DIRECTOR (PROJECT TIGER) KOTTAYAM							
28	Periyar East	207.50	50	157.50	157.50	0	51
29	Periyar West	129.67	52.00	77.67	77.67	0	0
30	Idukki	160.60	145.60	15.00	15.00	0	0

Sl. No.	Division	Total length of boundary	Length of natural boundary not requiring demarcation	Length of boundary requiring demarcation	Total length of boundary demarcated as on 31.03. 2018	Length of boundary which require demarcation as on 31.03. 2018	Junda constructed during 2017-18 (No.)
31	Munnar WL	342.00	41.50	300.50	216.14	84.36	255
FD(PT) KOTTAYAM WL DIVISION TOTAL		839.77	289.1	550.67	466.31	84.36	306
WILDLIFE CIRCLE PALAKKAD							
32	Peechi	161.90	151.07	10.83	5.85	4.98	20
33	Parambikulam	153.50	153.50	0	0	0	0
34	Silent Valley	198.23	121.92	76.31	62.37	13.94	97
35	Wayanad WL	474.00	300.60	173.40	150.59	22.81	235
36	Aralam	57.39	43.39	14.00	14.00	0	0
PALAKKAD – WL DIVISION TOTAL		1045.02	770.48	274.54	232.81	41.73	352
GRAND TOTAL		16845.81	5291.07	11554.74	9541.83	2012.68	14416

FOREST PLANTATIONS





The total plantation area under the department as on 31.03.2018 is 155689.684 Ha, which comes to 13.51% of the total forest area. Considering species wise distribution of plantation, Teak covers an extent of 77237.981 Ha which is 49.61% of total plantation areas. The annual revenue of the department comes mainly from the thinning and final felling of these plantations.

PLANTATION STATISTICS

TABLE 2.1 | DISTRIBUTION OF PLANTATION AREA

Sl. No.	Category	Area (Ha)
1	Territorial Divisions	130518.712
2	Protected area	24907.752
3	NSC, Kalady	263.220
STATE TOTAL		155689.684

TABLE 2.2 | SPECIES WISE DISTRIBUTION OF PLANTATION ABSTRACT

Sl. No.	Plantation	Area (Ha)	Percentage
1	Hardwood	82410.064	52.93
2	Softwood	11725.451	7.53
3	Bamboo, cane & reeds	8441.752	5.42
4	Mangrove	373.189	0.24
5	Others	52739.228	33.87
STATE TOTAL		155689.684	100%

TABLE 2.3 DIVISION WISE AREA OF PLANTATION (SPECIES-WISE) AS ON 31.03.2018 (Area in Ha)

Sl. No.	Division	Hard wood	Soft wood	Others	Bamboo, cane and reeds	Mangroves	Total
1	Thiruvananthapuram	1878.310	256.010	4388.268	113.760	0	6636.348
2	Thenmala	2062.540	878.060	1844.650	25.700	0	4810.950
3	Punalur	2868.830	457.010	1575.950	129.220	0	5031.010
4	Achenkovil	2927.122	0	1179.977	0	0	4107.099
5	Ranni	3852.370	34.570	2404.130	301.302	0	6592.372
6	Konni	8519.534	32.480	2464.150	912.900	0	11929.064
7	Kottayam	4039.858	326.720	1338.335	344.200	0	6049.113
8	Munnar	790.524	4399.200	1307.480	646.460	0	7143.664
9	Kothamangalam	4741.745	300.760	1139.587	282.560	0	6464.652
10	Marayoor	0	821.340	35.500	0	0	856.840
11	Mankulam	36.750	101.000	214.630	298.350	0	650.730
12	Malayattoor	5004.770	38.550	2799.144	74.700	0	7917.164
13	Vazhachal	3934.590	479.510	2871.060	330.940	0	7616.100
14	Chalakkudy	4538.930	107.800	1154.510	38.600	0	5839.840
15	Thrissur	2224.320	221.920	4447.936	0	0	6894.176

Sl. No.	Division	Hard wood	Soft wood	Others	Bamboo, cane and reeds	Mangroves	Total
16	Nenmara	1298.988	110.420	1821.095	42.800	0	3273.303
17	Palakkad	1916.730	108.820	1428.200	173.430	0	3627.180
18	Mannarkkad	434.210	143.920	626.900	50.000	0	1255.030
19	Nilambur (south)	4573.819	0	437.416	187.500	0	5198.735
20	Nilambur (north)	4284.694	44.149	2295.348	1251.480	0	7875.671
21	Kozhikkode	282.210	1048.812	1035.860	103.600	5.000	2475.482
22	Wayanad (south)	2334.100	911.030	1802.180	206.000	0	5253.310
23	Wayanad (north)	607.740	279.950	2567.750	1070.600	0	4526.040
24	Kannur	464.612	0	4189.034	102.100	251.979	5007.725
25	Kasaragod	1042.673	0	1859.020	469.212	116.210	3487.115
26	Thiruvananthapuram WL	42.580	135.860	1259.833	1130.588	0	2568.861
27	Peechi WL	457.427	0	1141.887	132.250	0	1731.564
28	Parambikulam WL	8747.466	0	0	0	0	8747.466
29	Silent valley WL	437.300	57.890	139.000	0	0	634.190
30	Wayanad WL	7486.802	429.670	2987.898	0	0	10904.370
31	Aralam WL	291.300	0	30.000	0	0	321.300
32	NSC,Kalady	162.220	0	77.500	23.500	0	263.220
STATE TOTAL		82285.064	11725.451	52864.228	8441.752	373.189	155689.684

TABLE 2.4 SPECIES WISE DISTRIBUTION OF PLANTATION

Sl. No.	Species	Area (Ha)	% to total plantation
1	Teak	77237.981	49.61
2	Teak & soft wood	15181.579	9.75
3	Mangium	2842.944	1.83
4	Accacia auriculiformis	7342.862	4.72
5	Eucalyptus	7211.241	4.63
6	Cane	2951.192	1.90
7	Bamboo	5160.858	3.31
8	Rosewood	54.410	0.03
9	Mahogany	518.152	0.33
10	Sandalwood	74.640	0.05
11	Other Hardwood	736.574	0.47
12	Reeds	329.702	0.21
13	Pepper	73.940	0.05
14	Medicinal plants	2134.714	1.37
15	Gravelia robusta	534.030	0.34
16	Pine	546.400	0.35
17	Albezzia	131.650	0.08
18	Anjili	589.602	0.38
19	Kambakam	230.760	0.15
20	Elavu	635.550	0.41
21	Rubber	42.100	0.03
22	Balsa	21.040	0.01
23	Wattle	2122.130	1.36
24	Matti	481.310	0.31
25	Cashew	4590.925	2.95
26	Agave	41.640	0.03
27	Alnus	74.350	0.05
28	Sesbania	21.070	0.01
29	Casuarina	138.870	0.09
30	Silver Oak	99.500	0.06
31	Mangroves	373.189	0.24
32	Fruit bearing trees	305.543	0.20
33	Miscellaneous	22859.236	14.68
STATE TOTAL		155689.684	100%

TABLE 2.5 DIVISION WISE AREA OF PLANTATION (SPECIES-WISE) AS ON 31.03.2018 (Area in Ha)

Sl. No.	Divisions	Teak	Teak & Softwood	Mangium	Accacia auriculiformis	Eucalyptus	Cane	Bamboo	Rosewood	Mahogany	Sandalwood
1	2	3	4	5	6	7	8	9	10	11	12
I	SOUTHERN CIRCLE KOLLAM										
1	Thiruvananthapuram	361.702	217.395	842.808	1789.367	235.910	0	113.760	0	0	0
2	Thenmala	1831.800	287.040	21.880	188.090	863.460	22.700	0	9.280	0	0
3	Punalur	1391.830	300.060	1349.000	793.800	457.010	0	129.220	0	0	0
4	Achencoil	2927.122	1179.977	0	0	0	0	0	0	0	0
5	Ranni	3667.290	1172.300	24.320	216.100	0	96.270	80.020	3.000	68.000	0
6	Konni	8255.324	0	139.210	114.500	5.440	408.000	504.900	0	0	0
	Total	18435.068	3156.772	2377.218	3101.857	1561.820	526.970	827.900	12.280	68.000	0
II	HIGH RANGE CIRCLE KOTTAYAM										
7	Kottayam	3953.262	107.200	0	56.000	265.320	140.600	203.600	0	0	0
8	Munnar	790.524	0	0	0	2330.050	0	646.460	0	0	0
9	Kothamangalam	4472.928	0	235.477	14.200	161.310	214.950	67.610	8.100	15.240	0
10	Marayoor	0	0	0	0	20	0	0	0	0	0
11	Mankulam	0	0	10.250	0	50	58.560	53.100	0	3.500	0
	Total	9216.714	107.200	245.727	70.200	2826.68	414.110	970.770	8.100	18.740	0

Sl No.	Divisions	Other Hardwood	Reeds	Pepper	Medicinal plants	Gravelia robusta	Pine	Albezzia	Anjili	Kambakom	Elavu	Rubber
1	2	13	14	15	16	17	18	19	20	21	22	23
I	SOUTHERN CIRCLE KOLLAM											
1	Thiruvananthapuram	89.140	0	0	800.856	0	0	7.000	570.700	13.960	0	0
2	Thenmala	199.580	3.000	0	18.360	0	0	14.600	0	0	0	0
3	Punalur	75.000	0	0	137.430	0	0	0	0	53.000	0	0
4	Achencoil	0	0	0	0	0	0	0	0	0	0	0
5	Ranni	89.760	125.012	3.940	0.130	0	0	0	0	0	34.570	0
6	Konni	0	0	0	213.430	0	0	0	0	125.000	0	0
	TOTAL	453.480	128.012	3.940	1170.206	0	0	21.600	570.700	191.960	34.570	0
II	HIGH RANGE CIRCLE KOTTAYAM											
7	Kottayam	77.694	0	0	8.500	0	61.400	0	8.902	0	0	0
8	Munnar	0	0	0	0	85.320	485.000	0	0	0	44.240	0
9	Kothamangalam	0	0	0	0	0	0	0	10	0	11.550	0
10	Marayoor	0	0	0	0	0	0	0	0	0	0	0
11	Mankulam	23.000	186.690	0	77.800	51.000	0	0	0	0	0	0
	TOTAL	100.694	186.690	0	86.300	136.320	546.400	0	18.902	0.000	55.790	0

Sl No.	Divisions	Balsa	Wattle	Matti	Cashew	Agave	Alnus	Sesbania	Casuarina	Silver oak	Mangroves	Fruit bearing	Misc	Total Plantation
1	2	24	35	26	27	28	29	30	31	32	33	34	35	36
I	SOUTHERN CIRCLE KOLLAM													
1	Thiruvananthapuram	0	0	13.100	246.120	0	0	0	0	0	0	0	1334.53	6636.348
2	Thenmala	0	0	0	0	0	0	0	0	0	0	0	1351.16	4810.950
3	Punalur	0	0	0	0	0	0	0	0	0	0	0	344.660	5031.010
4	Achencoil	0	0	0	0	0	0	0	0	0	0	0	0	4107.098
5	Ranni	0	0	0	0	0	0	0	0	0	0	0	1011.660	6592.372
6	Konni	21.040	0	6.000	0	32.00	0	0	0	0	0	0	2104.220	11929.064
	TOTAL	21.040	0	19.100	246.120	32.00	0	0	0	0	0	0	6146.230	39106.842
II	HIGH RANGE CIRCLE KOTTAYAM													
7	Kottayam	0	0	0	0	0	0	0	0	0	0	0	1166.635	6049.113
8	Munnar	0	1320.79	133.800	0	0	61.60	0	0	0	0	0	1245.880	7143.664
9	Kothamangalam	0	0	127.900	54.000	0	0	0	0	0	0	0	1071.387	6464.652
10	Marayoor	0	801.340	0	0	0	0	0	0	0	0	0	35.500	856.840
11	Mankulam	0	0	0	0	0	12.75	0	0	0	0	0	124.080	650.730
	TOTAL	0	2122.130	261.70	54.000	0	74.35	0	0	0	0	0	3643.482	21164.999

Sl. No.	Divisions	Teak	Teak & Softwood	Mangium	Accacia auriculiformis	Eucalyptus	Cane	Bamboo	Rosewood	Mahogany	Sandalwood
1	2	3	4	5	6	7	8	9	10	11	12
III	CENTRAL CIRCLE THRISSUR										
12	Malayattoor	4841.770	2656.310	145.000	142.834	28.250	0	74.700	0	0	0
13	Vazhachal	3885.790	1820.930	10	0	211.560	163.660	167.280	0	0	0
14	Chalakkudy	4538.930	869.980	0	0	0	0	38.600	0	0	0
15	Thrissur	2205.910	0	0	2414.926	181.920	0	0	18.410	0	0
16	TS, Perumbavoor	0	0	0	0	0	0	0	0	0	0
	TOTAL	15472.400	5347.220	155.000	2557.760	421.730	163.660	280.580	18.410	0	0.000
IV	EASTERN CIRCLE PALAKKAD										
17	Nenmara	1290.808	6.000	0	428.957	110.420	0	42.800	0	2.380	5.800
18	Palakkad	1904.100	76.000	0	62.000	41.920	65.880	107.550	0	0	0
19	Mannarkkad	419.010	0	0	164.540	143.920	17.400	32.600	0	0	0
20	Nilambur (S)	4573.819	206.764	0	57.620	0	153.500	34.000	0	0	0
21	Nilambur (N)	4044.429	0	0	0	44.149	421.560	829.920	5.620	139.075	0
	TOTAL	12232.166	288.764	0.000	713.117	340.409	658.340	1046.870	5.620	141.455	5.800

Sl No.	Divisions	Other Hardwood	Reeds	Pepper	Medicinal plants	Gravelia robusta	Pine	Albezzia	Anjili	Kambakom	Elavu	Rubber
1	2	13	14	15	16	17	18	19	20	21	22	23
III	CENTRAL CIRCLE THRISSUR											
12	Malayattoor	18.000	0	0	0	0	0	0	0	0	0	0
13	Vazhachal	0	0	0	150.750	76.550	0	86.050	0	38.800	105.350	0
14	Chalakkudy	0	0	0	0	0	0	0	0	0	107.800	0
15	Thrissur	0	0	0	38.250	0	0	0	0	0	0	0
16	T S, Perumbavoor	0	0	0	0	0	0	0	0	0	0	0
TOTAL		18.000	0	0.000	189.000	76.550	0.000	86.050	0.000	38.800	213.150	0.000
IV	EASTERN CIRCLE PALAKKAD											
17	Nenmara	42.800	0	0	8.880	0	0	0	0	0	0	0
18	Palakkad	12.630	0	0	76.400	0	0	0	0	0	0	0
19	Mannarkkad	15.200	0	0	62.820	0	0	0	0	0	0	0
20	Nilambur (S)	0	0	0	78.360	0	0	0	0	0	0	0
21	Nilambur (N)	95.570	0	0	198.778	0	0	0	0	0	0	0
TOTAL		123.400	0.000	0.000	425.238	0	0	0	0	0	0	0

Sl No.	Divisions	Balsa	Wattle	Matti	Cashew	Agave	Alnus	Sesbania	Casuarina	Silver oak	Mangroves	Fruit bearing	Misc	Total Plantation
1	2	24	35	26	27	28	29	30	31	32	33	34	35	36
III	CENTRAL CIRCLE THRISSUR													
12	Malayattoor	0	0	10.300	0	0	0	0	0	0	0	0	0	7917.164
13	Vazhachal	0	0	0	0	0	0	21.07	0	0	0	0	878.310	7616.100
14	Chalakkudy	0	0	0	161.870	0	0	0	0	0	0	0	122.660	5839.840
15	Thrissur	0	0	40.000	1994.760	0	0	0	0	0	0	0	0	6894.176
16	TS,Perumbavoor	0	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL	0	0	50.300	2156.630	0	0	21.07	0	0	0	0	1000.970	28267.280
IV	EASTERN CIRCLE PALAKKAD													
17	Nenmara	0	0	0	185.830	0	0	0	0	40.00	0	0	1151.428	3273.303
18	Palakkad	0	0	66.900	17.170	0	0	0	32.63	0	0	5.000	1159.000	3627.180
19	Mannarkkad	0	0	0	152.710	9.64	0	0	0	0	0	0	237.190	1255.030
20	Nilambur (S)	0	0	0	0	0	0	0	0	0	0	0	94.672	5198.735
21	Nilambur (N)	0	0	0	284.010	0	0	0	0	0	0	0	1812.560	7875.671
	TOTAL	0	0	66.900	639.720	9.64	0	0	32.63	40.00	0	5.000	4454.850	21229.919

Sl. No.	Divisions	Teak	Teak & Softwood	Mangium	Accacia auriculiformis	Eucalyptus	Cane	Bamboo	Rosewood	Mahogany	Sandalwood
1	2	3	4	5	6	7	8	9	10	11	12
V	NORTHERN CIRCLE KANNUR										
22	Kozhikode	282.210	0	0	0	711.772	5.000	93.600	0	0	0
23	Wayanadu (S)	2328.100	29.900	0	293.880	589.870	30	166.000	0	4.000	0
24	Wayanadu (N)	483.700	1017.030	65.000	190.800	201.640	751.600	319.000	0	59.040	0
25	Kannur	390.724	2952.410	0	238.830	0	102.100	0	0	73.888	0
26	Kasaragod	831.924	30.352	0	155.918	0	299.412	169.800	0	153.029	57.720
	TOTAL	4316.658	4029.692	65.000	879.428	1503.282	1188.112	748.400	0.000	289.957	57.720
VI	AGASTHYAVANAM BIOLOGICAL PARK										
27	Thiruvananthapuram	42.580	0	0	20.500	69.760	0	1130.588	0	0	0
	TOTAL	42.580	0	0	20.500	69.760	0	1130.588	0	0	0
VII	WILDLIFE CIRCLE PALAKKAD										
28	Peechi	457.427	134.400	0	0	0	0	132.250	0	0	0
29	Parambikulam	8747.466	0	0	0	0	0	0	0	0	0
30	Silent Valley	437.300	0	0	0	57.890	0	0	0	0	0
31	Wayanad WL	7426.682	2117.531	0	0	429.670	0	0	10	0	11.120
32	Aralam	291.300	0	0	0	0	0	0	0	0	0
	TOTAL	17360.175	2251.931	0.000	0.000	487.560	0.000	132.250	10.000	0.000	11.120

Sl No.	Divisions	Other Hardwood	Reeds	Pepper	Medicinal plants	Gravelia robusta	Pine	Albezzia	Anjili	Kambakom	Elavu	Rubber
1	2	13	14	15	16	17	18	19	20	21	22	23
V	NORTHERN CIRCLE KANNUR											
22	Kozhikode	0	5.000	0	13.000	0	0	0	0	0	332.040	0
23	Wayanadu (S)	2.000	10	0	70.060	321.160	0	0	0	0	0	0
24	Wayanadu (N)	0	0	0	0	0	0	0	0	0	0	0
25	Kannur	0	0	70	93.260	0	0	0	0	0	0	0
26	Kasaragod	0	0	0	47.400	0	0	0	0	0	0	0
	TOTAL	2.000	15.000	70	223.720	321.160	0.000	0.000	0.000	0	332.040	0.000
VI	AGASTHYAVANAM BIOLOGICAL PARK											
27	Thiruvananthapuram	0	0	0	15.000	0	0	24.000	0	0	0	42.100
	TOTAL	0	0	0	15.000	0	0	24.000	0	0	0	42.100
VII	WILDLIFE CIRCLE PALAKKAD											
28	Peechi	0	0	0	4.000	0	0	0	0	0	0	0
29	Parambikulam	0	0	0	0	0	0	0	0	0	0	0
30	Silent Valley	0	0	0	0	0	0	0	0	0	0	0
31	Wayanad	39.000	0	0	0	0	0	0	0	0	0	0
32	Aralam	0	0	0	0	0	0	0	0	0	0	0
	TOTAL	39.000	0.000	0.000	4.000	0	0	0	0	0	0	0

Sl No.	Divisions	Balsa	Wattle	Matti	Cashew	Agave	Alnus	Sesbania	Casuarina	Silver oak	Mangroves	Fruit bearing	Misc	Total Plantation
1	2	24	35	26	27	28	29	30	31	32	33	34	35	36
V	NORTHERN CIRCLE KANNUR													
22	Kozhikode	0	0	5.000	150.060	0	0	0	20.00	0	5.000	0	852.800	2475.482
23	Waynadu (S)	0	0	0	0	0	0	0	0	59.50	0	0	1348.840	5253.310
24	Waynadu (N)	0	0	78.310	0	0	0	0	0	0	0	0	1359.920	4526.040
25	Kannur	0	0	0	107.250	0	0	0	0	0	251.979	0	727.284	5007.725
26	Kasaragod	0	0	0	1129.295	0	0	0	86.24	0	116.210	0	409.815	3487.115
	TOTAL	0	0	83.310	1386.605	0	0	0	106.24	59.50	373.189	0	4698.659	20749.672
VI	AGASTHYAVANAM BIOLOGICAL PARK													
27	Thiruvananthapuram	0	0	0	0	0	0	0	0	0	0	300.543	923.790	2568.861
	TOTAL	0	0	0	0	0	0	0	0	0	0	300.543	923.790	2568.861
VII	WILDLIFE CIRCLE PALAKKAD													
28	Peechi	0	0	0	35.000	0	0	0	0	0	0	0	968.487	1731.564
29	Parambikulam	0	0	0	0	0	0	0	0	0	0	0	0	8747.466
30	Silent Valley	0	0	0	0	0	0	0	0	0	0	0	139.000	634.190
31	Wayanad WL	0	0	0	0	0	0	0	0	0	0	0	870.368	10904.371
32	Aralam	0	0	0	30.000	0	0	0	0	0	0	0	0	321.300
	TOTAL	0	0	0	65.000	0	0	0	0	0	0	0	1977.855	22338.891

Sl. No.	Divisions	Teak	Teak & Softwood	Mangium	Accacia auriculiformis	Eucalyptus	Cane	Bamboo	Rosewood	Mahogany	Sandalwood
1	2	3	4	5	6	7	8	9	10	11	12
VIII	SOCIAL FORESTRY, ERNAKULAM										
33	NSC, Kalady	162.220	0	0	0	0	0	23.500	0	0	0
TOTAL		162.220	0	0	0	0	0	23.500	0	0	0
GRAND TOTAL		77237.981	15181.579	2842.944	7342.862	7211.241	2951.192	5160.858	54.410	518.152	74.640

Sl. No.	Divisions	Other Hardwood	Reeds	Pepper	Medicinal plants	Gravelia robusta	Pine	Albezzia	Anjili	Kambakom	Elavu	Rubber
1	2	13	14	15	16	17	18	19	20	21	22	23
VIII	SOCIAL FORESTRY, ERNAKULAM											
33	NSC, Kalady	0	0	0	21.250	0	0	0	0	0	0	0
TOTAL		0	0	0	21.250	0	0	0	0	0	0	0
GRAND TOTAL		736.574	329.702	73.940	2134.714	534.030	546.400	131.650	589.602	230.760	635.550	42.100

Sl No.	Divisions	Balsa	Wattle	Matti	Cashew	Agave	Alnus	Sesbania	Casuarina	Silver oak	Mangroves	Fruit bearing	Misc	Total Plantation
1	2	24	35	26	27	28	29	30	31	32	33	34	35	36
VIII	SOCIAL FORESTRY, ERNAKULAM													
33	NSC, Kalady	0	0	0	42.850	0	0	0	0	0	0	0	13.400	263.220
TOTAL		0	0	0	42.850	0	0	0	0	0	0	0	13.400	263.220
GRAND TOTAL		21.040	2122.130	481.310	4590.925	41.64	74.35	21.07	138.87	99.50	373.189	305.543	22859.236	155689.684

FIRE AFFECTED PLANTATIONS

TABLE 2.6 DETAILS OF PLANTATIONS AFFECTED BY FIRE DURING 2017-18 (Area in Ha)

Sl No.	Division	Teak	Eucalyptus	Miscellaneous	Bamboo	Accacia	Mangium	Others	Total
1	Thiruvananthapuram	0	0.304	0.121	0	0.202	0	0	0.627
2	Konni	0.500	0	0	0	0	0	0	0.500
3	Kottayam	9.000	0	0	0	2.500	0	0	11.500
4	Kothamangalam	1.000	0	1.000	0	0	1.559	0	3.559
5	Thrissur	7.180	0	0	4.000	0	0	3.000	14.180
6	Vazhachal	0	0	0	0	0	0	0	0
7	Malayattoor	0	0	0	0	0	0	0.240	0.240
TOTAL		17.68	0.304	1.121	4.000	2.702	1.559	3.240	30.606

PLANTATIONS UNDER KERALA FOREST DEVELOPMENT CORPORATION (KFDC)

A State owned public sector undertaking was set up on 24.01.1975 as an off-shoot of the forest department pursuant to the recommendations of the National Agricultural Commission's Report 1972 to mobilize institutional finance to establish large scale forest plantations over 80000 Ha for the development and establishment of wood based industries in the State.

TABLE 2.7 | SPECIES WISE PLANTATION AREA OF KFDC

Sl. No.	Speceis	Area (Ha)
1	Teak & Soft wood	1282.430
2	Acacia Auriculifomis/Acacia Manjium/Acacia Crassicarpa	2010.951
3	Eucalyptus	2547.505
4	Cardamom	623.310
5	Mahagony	9.400
6	Bamboo	815.356
7	Tea	100.670
8	Coffee	597.427
9	Cashew	339.483
10	Rubber	57.936
11	Pepper	3.800
12	Red sandal wood	80.977
13	Sandal wood	17.97
14	Medicinal species	0.400
15	Gmelina	40.454
16	Residual Misc. Growth for sale	10.721
17	Vagamon Orchidarium	15.220
18	Eco-tourism zone	668.070
19	Pine, Alnus, Casurina, Failed Eucalyptus, etc	92.783
20	Unproductive / Swamp / Rock / Buildings, etc	739.601
TOTAL		10054.464

RESOURCES





NATURAL RESOURCES

OUTTURN OF MAJOR FOREST PRODUCE

Outturn of major forest produce during the reporting year is shown in table 3.1.

TABLE 3.1 | **OUTTURN OF MAJOR FOREST PRODUCE DURING 2017-18**

Sl. No.	Category	Unit	Quantity
1	Industrial wood	M ³	21953.268
2	Plywood	M ³	416.113
3	Match wood	M ³	243.138
4	Bobbin wood	M ³	58.653
5	Packing case wood	M ³	223.024
6	Pulpwood	MT	67108.024

Sl. No.	Category	Unit	Quantity
7	Miscellaneous		
	a Timber	M ³	5746.649
	b Fire wood/ Billets	MT	5487.261
	c Sandal wood	Kg	81169.020
	d Jungle wood poles	MT	12833.320

PROCUREMENT OF NON TIMBER FOREST PRODUCE (NTFP)



TABLE 3.2 | PROCUREMENT OF NON TIMBER FOREST PRODUCE DURING 2017-18

Sl. No.	Name	Quantity (kg)
1	Ayurvedic herbs	881310.10
2	Spices	1231.000
3	Fibre	20046.900

Sl. No.	Name	Quantity (kg)
4	Grass other than fodder	53060.000
5	Incentive plants	20147.900
6	Vegetable Oil Seeds	4136.600
7	Medicinal Trees	55.000
8	Honey (Vanthen)	41729.500
9	Bee Wax	429.000

Source: Kerala State federation of SC/ST development co-operatives Ltd.

PROCUREMENT OF MINOR FOREST PRODUCE (MFP)



Total quantity and value of minor forest produce of NTFP was 1022.146 tonnes and ₹435.86 lakhs respectively.

Details on species wise procurement and value of Minor Forest Produce during 2017-18

TABLE 3.3

DETAILS ON SPECIES WISE PROCUREMENT AND VALUE OF
MINOR FOREST PRODUCE DURING 2017-18

Sl. No.	Item	Quantity procured (kg)	Unit price (Amount in Rs.)	Value (Amount in Rs.)
1	Adalodakam (Dry)	678.000	25.00	16950.0
2	Adalodakam (Pacha)	23011.00	10.00	230110.00
3	Adapathian	5.90	540.00	3186.00
4	Amalpori	45.00	59.11	2660.00
5	Athithippali	9465.00	64.68	612209.00
6	Cheruthen	4008.20	378.01	1515080.00
7	Cheenikka	71239.00	43.38	3090015.00
8	Chool Pullu	53060.00	20.50	1087800.00
9	Chunda (Dry)	31133.00	47.46	1477496.00
10	Chunda (Pacha)	163273.00	13.88	2266706.00
11	Cheruthekku	2454.50	60.40	148240.00
12	Chittaratha	159.00	92.87	14767.00
13	Kadukkathode	820.00	43.00	35260.00
14	Kakkumkai-Parantakai	1763.60	28.54	50334.00
15	Kalpasam	10712.00	332.24	3559000.00
16	Kanjirakuru	241.00	66.50	16026.50
17	Karimkurinji	71111.00	18.58	1321416.00
18	Kasturimanjal	1231.00	73.86	90923.00
19	Kattuchena	25.00	23.76	594.00
20	Kattukurumulaku valli	20041.00	40.76	816963.00
21	Kattupadavalam	5792.60	166.27	963127.00
22	Kooramkolli	1250.00	14.50	18125.00
23	Koppuvella	31.00	380.00	11780.00
24	Kudampuli	55.00	272.50	14987.50
25	Kunthirikkom	9099.90	117.74	1071448.50
26	Kurumthotti	411221.00	17.89	7357995.00

Sl. No.	Item	Quantity procured (kg)	Unit price (Amount in Rs.)	Value (Amount in Rs.)
27	Kattuthippali Pacha	804.00	40.00	32160.00
28	Kazhanchikuru	44.00	95.00	4180.00
29	Kolinchi	16.00	90.25	1444.00
30	Marottikkuru	745.80	149.57	111546.00
31	Moovila	35193.00	53.77	1892183.00
32	Nagadandani	57.00	80.00	4560.00
33	Njavanpoovu	19.00	332.47	6317.00
34	Orila (dry)	12058.00	51.18	617085.00
35	Orila Dry (Red)	3350.00	40.00	134000.00
36	Orila Pacha	403.00	15.00	6045.00
37	Pachotti patta	8266.00	67.99	561994.00
38	Padakizhangu	3561.60	347.10	1236228.00
39	Palmuthakku	2373.00	34.11	80949.00
40	Pathiripoovu	1015.60	325.90	330979.00
41	Pattincha/Incha	10965.00	58.49	641375.00
42	Peenari	6315.00	39.87	251791.00
43	Putharichunda Pacha	5040.00	16.17	81510.00
44	Soapinkai	20.00	25.00	500.00
45	Thannikkathodu	1028.00	23.75	24415.00
46	Tharavella	764.00	34.09	26044.00
47	Vanthen	37721.30	307.83	11611818.00
48	Vellakunthirikom	32.00	475.00	15200.00
49	Wax (Bee Wax)	429.00	280.36	120275.00
TOTAL		1022146.00		43585796.50

Source: Kerala State Federation of SC/ST Development Co-operatives Ltd.

SPECIES WISE RECEIPTS OF MAJOR FOREST PRODUCE

Species wise receipts of major forest produce during 2017-18 is shown in below table.

TABLE 3.4 SPECIES WISE RECEIPTS OF MAJOR FOREST PRODUCE DURING 2017-18

Sl. No.	Species	Unit	Quantity
INDUSTRIAL WOOD			
1	Teak	M ³	17780.024
2	Rosewood	M ³	144.098
3	Mahogany	M ³	12.457
4	Anjili	M ³	100.743
5	Kambakom	M ³	28.373
6	Thembavu / Karimaruthu	M ³	66.883
7	Venga	M ³	9.872
8	Venteak	M ³	204.007
9	Jack/ Plavu	M ³	24.426
10	Myla	M ³	2.518
11	Manimaruthu	M ³	8.135
12	Maruthu	M ³	1037.519
13	Irul	M ³	91.330
14	Mulluvengai	M ³	191.343
15	Unnam/Chadachi	M ³	1702.159
16	Thanni	M ³	420.336
17	Karimthakara	M ³	10.677
18	Pathiri	M ³	1.477
19	Poovam	M ³	69.784
20	Kunnivaka	M ³	44.823
21	Kanjiram	M ³	2.284
TOTAL			21953.268
PLYWOOD			
1	Kulamavu / Ooravu	M ³	23.824
2	Mavu	M ³	12.713
3	Redcedar/ Chandanavembu	M ³	125.719

Sl. No.	Category	Unit	Quantity
4	Poon/Punna/Punnavu	M ³	52.633
5	Cheeni	M ³	161.454
6	Kumbil	M ³	11.599
7	Njaval / Njara	M ³	5.440
8	Vellapine	M ³	10.289
9	Cheru	M ³	3.809
10	Poomaram	M ³	8.633
TOTAL			416.113
MATCHWOOD			
1	Elavu/Poola	M ³	197.321
2	Pala / Mukkampala	M ³	41.391
3	Vaka	M ³	2.205
4	Matti	M ³	1.733
5	Kanakitha	M ³	0.333
6	Murikku	M ³	0.155
TOTAL			243.138
BOBBINWOOD			
1	Akil/Vellakil	M ³	20.863
2	Manjakadambu	M ³	37.790
TOTAL			58.653
PACKING CASE WOOD			
1	Malaveppu	M ³	44.663
2	Vatta	M ³	151.005
3	Ambazham	M ³	10.353
4	Karingazha / Poopathiri	M ³	0.936
5	Uthi	M ³	16.067
TOTAL			223.024
PULPWOOD			
1	Eucalyptus	MT	491.149
2	Acacia Mangium /Acacia auriculiformis	MT	30640.720
3	Acassia	MT	21969.975
4	Bamboo	MT	7130.430
5	Reeds	MT	6875.750
TOTAL			67108.024

Sl. No.	Category	Unit	Quantity
MISCELLANEOUS			
1	Chakka Teak	M ³	0.684
2	Chorakkali	M ³	3.159
3	Chorappaly	M ³	2.350
4	Edana	M ³	0.347
5	Irumburappan	M ³	2.072
6	Kara/Rudraksham	M ³	2.913
7	Karana	M ³	4.168
8	Karimaram	M ³	2.591
9	Karuva	M ³	1.079
10	Kurangadi	M ³	11.919
11	Mazhamaram	M ³	8.999
12	Nedunaru	M ³	2.497
13	Nelli	M ³	0.935
14	Pali	M ³	6.563
15	Parakom	M ³	0.104
16	Paravakka	M ³	9.308
17	Payyani	M ³	0.187
18	Peekadukk / Paikadukk	M ³	83.292
19	Plasu	M ³	12.900
20	Poochakadambu	M ³	4.748
21	Pothondy	M ³	4.000
22	Silver Oak	M ³	6.786
23	Sindooram	M ³	0.932
24	Vediplavu	M ³	3.327
25	Miscellaneous Timber	M ³	5746.649
26	Vetti	M ³	1.590
27	Honey	Kg	41729.000
28	Sandal wood	kg	81169.020
29	Fire wood/ Billets	MT	5487.261
30	Jungle wood Poles	MT	12833.320

HUMAN RESOURCES



STAFF STRENGTH

TABLE 3.5 DESIGNATION WISE DETAILS OF SANCTIONED STRENGTH & IN POSITION AS ON 31-03-2018

Sl. No.	Name of post	Sanctioned Strength	In Position
1	Principal Chief Conservator of Forests	5	5
2	Addl. Principal Chief Conservator of Forests	5	5
3	Chief Conservator of Forests	11	6
4	Conservator of Forests	13	1
5	Dy. Conservator of Forest(IFS Cadre)	35	32
6	Forest Tribunal	1	1
7	Joint Secretary (Law)	1	1
8	Senior Finance Officer	1	1
9	Senior Administrative Officer	1	1
10	Deputy Director (Statistics)	1	1
11	Deputy Director (Wildlife Education)	3	3
12	Asst. Conservator of Forests/ Deputy Conservator of Forests (NC)	101	101
13	Senior Administrative Assistant	9	9
14	Administrative Assistant	12	12

Sl. No.	Name of post	Sanctioned Strength	In Position
15	Personal Assistant	3	3
16	Senior Superintendent	36	36
17	Range Forest Officer	205	187
18	Deputy Range Forest Officer	158	147
19	Public Relation Officer	1	1
20	Assistant Forest Publicity Officer	3	2
21	Junior Superintendent	71	71
22	Head Accountant	74	74
23	Research Assistant**	3	4
24	Wildlife Assistant	10	9
25	Senior Clerk	443	443
26	Clerk	446	401
27	Statistical Assistant Grade. II & I	34	33
28	Fair copy Superintendent	8	7
29	Selection Grade Typist	33	33
30	Senior Grade Typist	33	33
31	Typist Clerk	1	1
32	UD Typist	33	33
33	LD Typist	34	33
34	Confidential Assistant	39	34
35	Legal Assistant	1	1
36	Section Officer (Law)	1	1
37	Forest Veterinary Officer	1	1
38	Veterinary Doctor	1	1
39	Asst. Forest Veterinary Officer (on deputation)	12	11
40	Documentation Officer	1	0
41	Asst. Director (Survey)	1	1
42	Survey Superintendent	2	2
43	Surveyor Grade I & II	66	34
44	Bench Clerk(on deputation)	1	1
45	Head Surveyor	2	2
46	Section Forest Officer	952	858
47	Beat Forest Officer	2618	2371
48	Sheristadar cum Secretary	1	1
49	Head Draftsman	2	2
50	Draftsman	45	20

Sl. No.	Name of post	Sanctioned Strength	In Position
51	Circle Inspector of Police	2	1
52	SI of Police	4	1
53	Senior Civil Police Officer	22	10
54	Civil Police Officer	110	32
55	Librarian	1	1
56	Project Operator	1	0
57	Pharmacist	2	1
58	Dispensary Attender	1	0
59	Nursing Assistant	1	0
60	Binder	2	1
61	PT Instructor	6	1
62	Record cum Store Keeper	3	0
63	Museum Assistant	1	0
64	Office Attendant	420	401
65	Peon cum Sweeper	1	1
66	Daffedar	1	1
67	Attender	18	18
68	Dark Room Attender	1	0
69	Driver	247	221
70	Photographer cum Artist	1	0
71	Gardner	4	1
72	Traker cum Gardner	3	0
73	Gardner cum Marker	1	1
74	Cleaner	2	0
75	Watcher & Forest Watcher	55	263
76	Muduvan Watcher	8	8
77	Night Watcher	25	20
78	RF Watcher	157	62
79	Depot Watcher	86	44
80	Tribal Watcher	700	685
81	Watcher cum Cook	6	1
82	Tapal Watcher	3	0
83	Rest House Watcher	1	0
84	Scavenger/Sanitary Worker	1	1
85	Cook/Asst. Cook	1	0
86	Boat Driver	12	6

Sl. No.	Name of post	Sanctioned Strength	In Position
87	Boat Zrang	1	0
88	Boat Watcher	6	0
89	Boat Cleaner/Cleaner	3	0
90	Lascar	4	1
91	Survey Lascar	11	2
92	Mahouts & Kavadi	26	20
93	Timber Supervisor	1	0
94	Pump Operator	1	1
95	Lab Assistant	1	0
96	Radio Mechanic	1	0
97	Helper	1	0
98	Bus Cleaner	1	1
99	Chowkeedar	1	0
100	Part Time Contingent Employees	293	293
101	Chief Forest Veterinary Officer (on deputation)	1	1
102	Police Asst. Sub Inspector	Nil	2
TOTAL		7836	7174

** Statistical Assistant Gr. I post upgraded at Southern Circle, Kollam.

TRAINING

During the year, 1288 officials of various cadres were imparted training through different training programmes. An abstract of the same is given in table 3.6

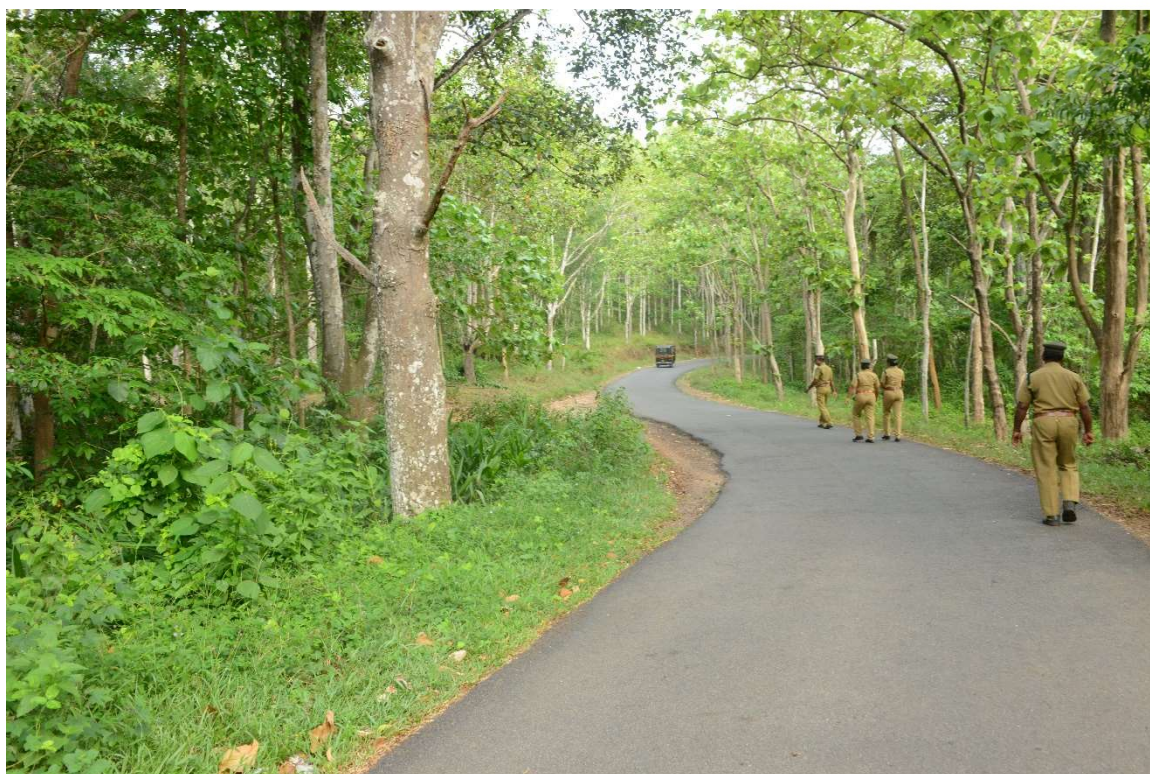
TABLE 3.6 TRAINING DETAILS DURING 2017-18

Sl. No.	Training	No. of participants
A. TRAINING WITHIN THE STATE		
1	Forestry Training Centre (FTC), (O/o APCCF (IHRD))	265
2	Induction Training of Beat Forest Officer at Kerala Forest Service, Arippa & Walayar	446
3	Induction Training of Deputy Range Forest Officer Trainees at Kerala Forest Service, Arippa	20

Sl. No.	Training	No. of participants
4	Training Programme for Final Year BSc. Forestry Students	29
5	Refresher Training for Deputy Range Forest Officers	25
6	One day Training for I & E Wing	80
7	Refresher Course for Frontline Staff	77
8	IMG Training	310
TOTAL		1252
B. TRAININGS OUTSIDE STATE		
1	Extension Education Institute (EEI) , Hyderabad	8
2	Central Academy for State Forest Service (CASFOS), Coimbatore	16
3	CASFOS, Dehradun	4
4	CASFOS, Burnihat	7
5	Foreign Training (Thailand, Malaysia)	1
TOTAL		36
GRAND TOTAL		1288

INFRASTRUCTURE





ROAD

The type wise details of roads maintained by the department as on 31.03.2018 are given below.

TABLE 4.1 | DETAILS OF ROADS DURING 2017-18

Sl. No.	Type of Road	Length (km)
1	Black topped	456.069
2	Metalled	896.171
3	Cement concrete	24.331
4	Earthern road (Unsurfaced)	3415.234
TOTAL		4791.805
1	Motorable	4001.400
2	Non-motorable	790.405

BUILDINGS

TABLE 4.2 DETAILS OF BUILDINGS UNDER THIS DEPARTMENT

Sl. No.	Item	In position (No.)
I	Office buildings	324
II	Rest house/Government cottages/IB	77
III	Quarters	
	a) Type VI	19
	b) Type V	16
	c) Type IV	60
	d) Type III	220
	e) Type II	661
	f) Type I	342
	g) Other quarters	171
IV	Dormitory	91
V	Community Hall	38
VI	Forest Stations & Associated Buildings	144
VII	Other Buildings	1005
TOTAL		3168

VEHICLES

Kerala Forest Department possesses 783 numbers of different types of vehicles.

The details as on 31.03.2018 are given below.

TABLE 4.3 DETAILS OF VEHICLES UNDER THIS DEPARTMENT

Sl. No.	Vehicles	In position (No.)		Total number of vehicles
		In running condition	Not in running condition	
1	Mahindra Jeep	198	45	243
2	Bolero	107	4	111

Sl. No.	Vehicles	In position (No.)		Total number of vehicles
		In running condition	Not in running condition	
3	Invader	8	0	8
4	Motor cycle	116	48	164
5	Mahindra Thar	95	1	96
6	Ambassador car / Other cars	45	8	53
7	Innova	28	0	28
8	Mahindra Xylo / Xuv / Scorpio	20	0	20
9	Bus/Minibus	12	1	13
10	Toyota Qualis	5	0	5
11	Minilorry / Lorry	5	1	6
12	Tata Sumo / Spacio	1	1	2
13	E Rikshaw	1	0	1
14	Tata Winger	1	0	1
15	Alpha Pick up	1	0	1
16	Maruthi Gipsy	1	1	2
17	Mini Van - Tata Ace Magic	1	1	2
18	Boat	22	5	27
TOTAL		667	116	783

ARMS & AMMUNITION

Necessary arms & ammunition have been given to the Divisional Forest Officers, Range Officers and Forest Station staff in vulnerable areas for effective protection of forests and wildlife.

TABLE 4.4 DETAILS OF ARMS & AMMUNITION

Sl. No.	Circle	No. of Rifles	No. of Revolvers	No. of Ammunition (Cartridges & Bullets)
1	Sothern Circle, Kollam	31	11	277
2	High Range Circle, Kottayam	58	14	561

Sl. No.	Circle	No. of Rifles	No. of Revolvers	No. of Ammunition (Cartridges & Bullets)
3	Central Circle, Thrissur	37	10	141
4	Eastern Circle, Palakkad	48	7	747
5	Northern Circle, Kannur	26	5	661
6	ABP, Thiruvananthapuram	13	6	1355
7	Field Director (Project Tiger), Kottayam	161	19	2268
8	Wildlife Circle, Palakkad	70	15	1548
9	Inspection & Evaluation, Kottayam	15	6	301
10	Inspection & Evaluation, Kozhikode	16	8	386
11	Estate Office FHQ , TVM	10	0	4065
TOTAL		485	101	12310

FOREST STATIONS



Forest Station system was introduced by the department in 1988 on Police Station model in the place of beat section system for effective forest protection and with a view to afford more collective strength and security to the forest protective staff.

TABLE 4.5 DIVISION WISE NUMBER OF FOREST STATIONS

Sl. No.	Division	No. of Forest Stations
1	Punalur	1
2	Konni	7
3	Ranni	9
4	Kottayam	6
5	Kothamangalam	1
6	Munnar	6
7	Marayoor	4
8	Thrissur	10
9	Vazhachal	8
10	Chalakydy	3
11	Malayattoor	14
12	Nilambur north	7
13	Nilambur South	4
14	Mannarkkad	8
15	Nemmara	3
16	Wayanad North	5
17	Wayanad South	1
18	Periyar East	1
19	Periyar West	3
20	Munnar WL	4
21	Silent Valley	2
22	Peechi	1
23	Wayanad WL	6
TOTAL		114

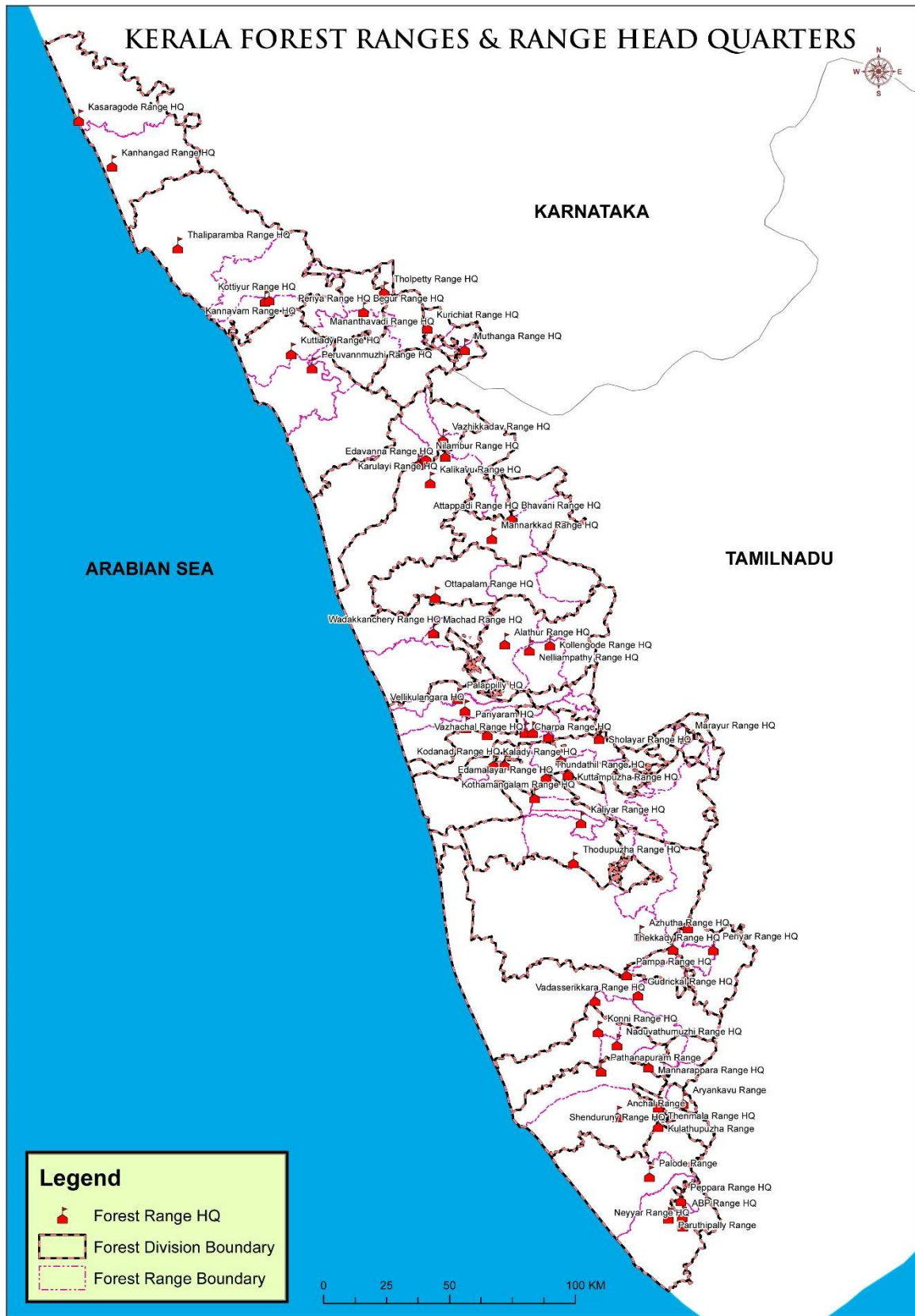


TABLE 4.6 | DIVISION / RANGE WISE DETAILS OF FOREST STATIONS

Sl. No.	Division	Range	Forest Stations	
SOUTHERN CIRCLE KOLLAM				
1	Punalur	Pathanapuram	1	Ambanar
2	Konni	Konni	2	Kumaramperoor (South)
			3	Kumaramperoor (North)
		Naduvathumoozhy	4	Kokkathodu
			5	Karippanthodu
			6	Padom
		Mannarappara	7	Chempala
			8	Mannarappara
		3	Ranni	Ranni
10	Kanamala			
11	Rajampara			
Vadasserikkara	12			Chittar
	13			Gurunathanmannu
	14			Thannithodu
Goodrikkal	15			Plappally
	16			Kochukoickal
	17			Pachakkanam
HIGH RANGE CIRCLE KOTTAYAM				
4	Kottayam	Nagarampara	18	Vazhathoppu
			19	Vairamony
		Ayyappancoil	20	Kanchiyar
			Erumeli	21
		22		Vandanpathal
		23	Placherry	
5	Kothamangalam	Thodupuzha	24	Veloor
6	Munnar	Munnar	25	Pettimudy
			Adimali	26
		27		Panamkutty
		Neriyamangalam	28	Nagarampara
			29	Inchathotty
		30	Valara	

Sl. No.	Division	Range	Forest Stations	
7	Marayoor	Marayoor	31	Marayoor
			32	Nachivayal
		Kanthalloor	33	Kanthalloor
			34	Vannanthura
CENTRAL CIRCLE THRISSUR				
8	Thrissur	Vadakkancherry	35	Erumapetty
			36	Poongodu
			37	Mayannoor
		Machad	38	Akamala
			39	Elanad
			40	Vazhani
		Pattikkad	41	Pattikkad
			42	Ponganamkad
			43	Mannamangalam
			44	Vaniyampara
9	Vazhachal	Charpa	45	Kannamkuzhy
		Vazhachal	46	Vazhachal
			47	Mukkumpuzha
		Kollathirumedu	48	Kollathirumedu
		Sholayar	49	Malakkappara
			50	Sholayar
		Athirappally	51	Athirappally
52	Ezhattumugham			
10	Chalakyudy	Pariyaram	53	Konnakuzhy
			54	Chaippankuzhy
		Vellikulangara	55	Mupliyam
11	Malayattoor	Kodanadu	56	Perumthodu
			57	Erumukham
			58	Mekkappala
		Kalady	59	Karakkadu
			60	Kannimangalam
			61	Evergreen
		Thundathil	62	Bhothathankettu
			63	Karimpani
			64	Edamalayar
			65	Vadathuppara

Sl. No.	Division	Range	Forest Stations	
	Malayattoor	Kuttampuzha	66	Pooyamkutty
			67	Anakulam
		Edamalayar	68	Ennakkal
			69	Perumuzhy
EASTERN CIRCLE PALAKKAD				
12	Nenmara	Kollengode	70	Thekkady
		Nelliampathy	71	Nelliampathy
		Alathur	72	Mangalam dam
13	Mannarkkad	Mannarkkad	73	Palakkayam
			74	Mannarkkad
			75	Thiruvizhamkunnu
		Attappady	76	Pudur
			77	Mukkali
		Agali	78	Ommala
			79	Sholayar
			80	Singappara
14	Nilambur (South)	Karulai	81	Padukka
			82	Nedumkayam
		Kalikavu	83	Chakkikuzhi
			84	Karuvarakundu
15	Nilambur (North)	Edavanna	85	Akampadam
			86	Edacode
			87	Kodumpuzha
		Nilambur	88	Vaniyampuzha
			89	Kanjirapuzha
		Vazhikkadavu	90	Nellikuthu
			91	Pothukal
NORTHERN CIRCLE KANNUR				
16	Wayanad (North)	Mananthavady	92	Makkiyad
		Begur	93	Thirunelly
			94	Thalapuzha
		Periya	95	Kunhome
			96	Varayal
17	Wayanad (South)	Chedleth	97	Irulam

Sl. No.	Division	Range	Forest Stations	
FIELD DIRECTOR (PROJECT TIGER) KOTTAYAM				
18	Munnar WL (Eravikulam)	Eravikulam NP	98	Chattamunnar
		Chinnar WS	99	Kambakkallu
			100	Karimutti
		Shola NP	101	Kadavari
19	Silent Valley	Bhavani	102	Anavai
			103	Thudukki
20	Periyar East	Vallakkadavu	104	Gavi
21	Periyar West	Pamba	105	Sannidhanam
			106	Mukkuzhi
			107	Pachakkanam
WILDLIFE CIRCLE PALAKKAD				
22	Peechi	Peechi	108	Olakara
23	Wayanad WL	Kurichiat	109	Vandikkadavu
			110	Kuppady
		Sulthanbathery	111	Naikatty
		Muthanga	112	Muthanga
			113	Thottamoola
Tholpetty	114	Tholpetty		

CHECK POSTS

Division wise number of check posts as on 31.03.2018 is given below

TABLE 4.7 | DIVISION WISE NUMBER OF CHECK-POST

Sl. No.	Division	No. of Check-post
1	Thiruvananthapuram	4
2	Thenmala	2
3	Punalur	1
4	Konni	4
5	Ranni	3
6	Achencovil	1
7	Kottayam	4
8	Kothamangalam	1
9	Munnar	4

Sl. No.	Division	No. of Check-post
10	Marayoor	2
11	Vazhachal	2
12	Chalakydy	3
13	Malayattoor	4
14	Nilambur north	1
15	Nilambur south	1
16	Palakkad	1
17	Mannarkkad	4
18	Nemmara	3
19	Wayanad South	2
20	Wayanad North	1
21	Kannur	1
22	Kasargod	3
23	Shenduruney	2
24	Thiruvananthapuram WL	1
25	Periyar East	5
26	Idukki	1
27	Munnar WL	5
28	Parambikulam	3
29	Wayanadu WL	5
30	Peechi	1
TOTAL		75

TABLE 4.8 | DIVISION /RANGE WISE DETAILS OF CHECK-POST

Sl. No.	Division	Range	Check-posts
SOUTHERN CIRCLE KOLLAM			
1	Thiruvananthapuram	Paruthipally	1 Parassala
		Kulathupuzha	2 Venkolla
		Palode	3 Mankayam
			4 Anappara
2	Thenmala	Thenmala	5 Neduvannurkadavu
		Aryankavu	6 Kottavasal (Aryankavu)

Sl. No.	Division	Range	Check-posts	
3	Punalur	Pathanapuram	7	Karavoor
4	Achenkovil	Achenkovil	8	Kottavasal(Achenkovil)
5	Konni	Konni	9	Athumpukulam
		Naduvathumuzhy	10	Njanaval
			11	Padom
		Mannarappara	12	Mullumala
6	Ranni	Gudrical	13	Kochandi
		Vadasserikkara	14	Vadasserikkara
		Ranni	15	Laha (Rajampara)
HIGH RANGE CIRCLE KOTTAYAM				
7	Kottayam	Kumili	16	Kumili
			17	Cumbummettu
		Erumeli	18	Pulluppara
			19	Vazhikadavu
8	Kothamangalam	Thodupuzha	20	Guruthikalam
9	Munnar	Neriyamangalam	21	Thalakkodu
		Adimali	22	Panamkutty
		Devikulam	23	Bodimettu
			24	Palar
10	Marayoor	Marayoor	25	Chattamunnar
		Kanthalloor	26	Pious Nagar
CENTRAL CIRCLE THRISSUR				
11	Chalakydy	Pariyaram	27	Kappathodu
		Palappilly	28	Parakadavu
		Vellikulangara	29	Mattathoor
12	Vazhachal	Charpa	30	Vazhachal
		Sholayar	31	Malakkappara
13	Malayattoor	Kalady	32	Karakkad
			33	Kadappara
		Kuttampuzha	34	Thattekadu
		Thundathil	35	Boothathankettu

Sl. No.	Division	Range	Check-posts	
EASTERN CIRCLE PALAKKAD				
14	Nenmara	Nellyampathy	36	Pothundi
		Kollengode	37	Gopalapuram
			38	Meenakshipuram
15	Palakkad	Walayar	39	Walayar
16	Mannarkkadu	Agali	40	Anakkatty
			41	Keralamedu
		Mannarkkadu	42	Anamooly
			43	Inchikunnu
17	Nilambur North	Vazhikkadavu	44	Anamari
18	Nilambur South	Karulai	45	Cherupuzha
NORTHERN CIRCLE KANNUR				
19	Kannur	Kottiyoor	46	Iritty
20	Kasargode	Kanjangad	47	Panathur
			Kasargode	48
		49		Kottayadi
21	Wayanad (north)	Perya	50	Niravilpuzha
22	Wayanad (south)	Meppadi	51	Cholady
		Kalpetta	52	Lakkidy
AGASTHYAVANAM BIOLOGICAL PARK				
23	Thiruvananthapuram WL	Peppara sanctuary	53	Kanithadam
24	Shenthurney	Shenthurney WLS	54	Kattilapara
			55	Rosemala
FIELD DIRECTOR (PROJECT TIGER) KOTTAYAM				
25	Periyar east	Thekkady	56	Thekkady
		Vallakkadavu	57	Pachakkanam
			58	Anathodu
			59	Vallakkadavu
		Periyar	60	Vellimala

Sl. No.	Division	Range	Check-posts	
26	Munnar WL	Eravikulam NP	61	Rajamala
		Chinnar WLS	62	Chinnar
			63	Karimutty
		Shola NP	64	Pambadum Shola
			65	Methappu
27	Idukki WL	Idukki WLS	66	Vanmavu
WILDLIFE CIRCLE PALAKKAD				
28	Wayanadu WL	Muthanga	67	Muthanga
			68	Pazhoor
		Tholpetty	69	Tholpetty
			70	Bavali
		Kurichiat	71	Kuppadi (3 rd mile)
29	Parambikulam	Sungam	72	Anappadi
			73	Keerappadi
		Orukomban	74	Thuthanppara
30	Peechi	Chimmony	75	Echippara

FINANCE





REVENUE AND EXPENDITURE

The Forest Revenue realised during the year 2017-18 was ₹ 245.42 crores against the target of ₹ 341.32 crores. The total expenditure incurred during the year was ₹ 587.15 crores.

The forest contributes substantially to the non-tax revenue of the State. The revenue from forestry sector by way of sale of timber and other forest produce comes to ₹ 245.42 crores during 2017-18. Major portion of the forest revenue was from timber. During 2017-18, ₹ 212.92 crores was collected towards revenue from the sale of timber alone which accounted for 86.76% of the total forest revenue. The comparative position of revenue and expenditure for the year 2017-18 and 2016-17 is given in table 5.1

TABLE 5.1 THE COMPARATIVE POSITION OF REVENUE AND EXPENDITURE

(Amount in crores)

Financial Year	Revenue	Expenditure		
		Plan	Non Plan	Total
2017-18	245.42	188.03	399.12	587.15
2016-17	296.85	239.02	368.14	607.16

TABLE 5.2 REVENUE FROM TIMBER AND OTHER FOREST PRODUCE

Sl No.	Head of Account	Amount (in lakhs)
0406-01-101 SALE OF TIMBER AND OTHER FOREST PRODUCES		
1	99 Timber	21292.92
2	98 Firewood and Charcoal	131.55
3	97 Receipts from sale of forest produce coming under the Kerala private forest (Vesting and Assignment) Act.	50.10
4	96 Receipts from forest development tax	1077.07
5	95 Receipts under Kerala Forest Produce	-7.36
6	94 Other Items	313.78
TOTAL (101)		22858.06
0406-01-800 OTHER RECEIPTS		
1	99 Interests on Arrears of Forest Revenue	62.24
2	98 Receipts from Wildlife Department	197.07
3	97 Scheme for Provision of House Sites and Houses to Landless Workers in Rural Area - Free Supply of Timber	0.09
4	96 Revenue Realised from the KFDC on the sale proceeds of residual growth	1.52
5	95 Other Items	1674.83
6	94 Livestock	0.00
7	93 Integrated Wasteland Development Programme	0.05
8	92 Central assistance for NOVOD sponsored development of tree born oil seeds	0.01

Sl No.	Head of Account	Amount (in lakhs)
9	91 Receipts on account of Lapsed and Confiscated Deposits	0.00
10	90 Forest Land Lease rent	130.59
TOTAL (800)		2066.40
GRAND TOTAL		24924.46
	Refunds (0406-01-900-00)	382.89
	Net Revenue	24541.57

FOREST DEVELOPMENT TAX

Forest Development Tax is levied @ 5% on the sale proceeds of forest produce. After deducting the cost of collection of tax, balance amount was placed as additional budgetary source. During the year 2017-18 an amount of ₹ 1077.07 lakhs was collected.

OUTSTANDING ON ACCOUNT OF FOREST REVENUE

An amount of ₹ 371.01 crores is outstanding on account of forest revenue at the end of the year 2017-18.

OUTLAY AND EXPENDITURE

The outlay and expenditure during 2016-17 and 2017-18 is given in Table 5.3

TABLE 5.3 | **OUTLAY AND EXPENDITURE**

Schemes	2016-17		2017-18	
	Outlay	Expenditure	Outlay	Expenditure
State sector	219.38	195.98	238.40	163.25
Central sector	66.12	42.29	68.85	24.33
EAP	0.75	0.75	0.45	0.45
Total (Plan)	286.25	239.02	307.70	188.03
Non Plan	353.77	368.14	435.59	399.12
Grand Total	640.02	607.16	743.29	587.15

The plan expenditure under forestry sector during 2017-18 was ₹ 188.03 crores, which is 61.11% of the total plan outlay. Out of this, state sector accounted for ₹ 163.25 crores and the expenditure for central sector including Externally Aided Project was ₹ 24.78 crores.

DEVELOPMENTS UNDER 13TH FIVE YEAR PLAN

The year 2017-18 is the first year of the 13th Five Year Plan. The target and achievement are given in Table 5.4

TABLE 5.4 TARGET AND ACHIEVEMENT DURING XIII FIVE YEAR PLAN (*amount in crores*)

Year	Target	Achievement
2017-18	307.70	188.03

OUTLAY AND EXPENDITURE UNDER PLAN SCHEMES

During 2017-18, an expenditure of ₹ 18802.832 lakhs was incurred against the budget provision of ₹ 30769.735 lakhs. Details of budget head wise allotment and expenditure are shown in Table 5.5

TABLE 5.5 ACHIEVEMENTS ON PLAN SCHEMES (FINANCIAL) DURING 2017-18 (*amount in lakhs*)

Sl. No.	Scheme & Head of Account	Budget Outlay	Expenditure
A. STATE SECTOR SCHEMES			
I	MANAGEMENT OF NATURAL FORESTS		
1	Forest Protection (2406-01-101-81)	2546.000	2492.375
2	Forest Protection (Survey of Forest Boundaries & Forest Protection) (4406-01-101-99)	2750.000	2612.529
3	Regeneration of Denuded Forests (2406-01-101-94)	100.000	97.542
4	Non-wood forest produce including Promotion of medicinal plants (2406-01-101-80)	195.000	192.923
Sub Total		5591.000	5395.369

Sl. No.	Scheme & Head of Account	Budget Outlay	Expenditure
II	IMPROVING PRODUCTIVITY OF PLANTATIONS		
1	Hard Wood Species (4406-01-105-87)(1)	600.000	598.829
2	Industrial Raw Materials (4406-01-105-87)(2)	780.000	782.131
Sub Total		1380.000	1380.960
III	INFRASTRUCTURE DEVELOPMENT		
1	Roads (4406-01-070-99)	450.000	437.140
2	Buildings (4406-01-070-97)	650.000	560.204
Sub Total		1100.000	997.344
IV	BIO-DIVERSITY CONSERVATION AND PA MANAGEMENT		
1	Conservation of Biodiversity (2406-02-110-68)	525.000	522.744
2	Eco Development Programme (2406-02-110-56)	350.000	341.024
Sub Total		875.000	863.768
V	ECO-TOURISM (4406-01-800-91)	900.000	453.901
VI	HUMAN RESOURCE DEVELOPMENT		
1	Training (2406-01-003-97)	300.000	273.158
VII	RESOURCE PLANNING & RESEARCH (2406-01-004-92)	214.000	178.481
VIII	FOREST MANAGEMENT IS&GIS (2406-01-800-57)	150.000	113.404
IX	EXTENSION COMMUNITY FORESTRY & AGRO FORESTRY (2406-01-800-55)		
1	(01) Extension Forestry	1400.000	1364.421
X	WORKS WITH ASSISTANCE FROM RIDF (4406-01-800-90)	4500.000	1677.191
XI	MEASURES TO REDUCE MAN ANIMAL CONFLICT (2406-01-800-56)	1340.000	1313.843
XII	ZOOLOGICAL PARK, WILDLIFE PROTECTION AND RESEARCH CENTRE, PUTHUR (2406-02-110-48)	500.000	500.000
XIII	ZOOLOGICAL PARK WILDLIFE PROTECTION AND RESEARCH CENTRE, PUTHUR (2406-02-110-97)	1000.000	0.000
TOTAL (A)		19250.000	14511.840
B. SCHEMES WITH CENTRAL ASSISTANCE (60% CSS)			
I	SANCTUARIES		
1	Neyyar Wildlife Sanctuary (2406-02-110-39)(01)	287.500	64.773
2	Wayanad Wildlife Sanctuary (2406-02-110-39)(02)	400.000	131.623
3	Idukki Wildlife Sanctuary (2406-02-110-39)(03)	237.500	62.891
4	Peehi Vazhani Wildlife Sanctuary (2406-02-110-39)(04)	175.000	73.220
5	Wildlife Sanctuary – Peppara (2406-02-110-39)(05))	150.000	52.937
6	Wildlife Sanctuary – Schendurney (2406-02-110-39)(6)	150.000	68.874

Sl. No.	Scheme & Head of Account	Budget Outlay	Expenditure
7	Wildlife Sanctuary-Chimmony(2406-02-110-39)(7)	150.000	66.588
8	Wildlife Sanctuary – Aralam (2406-02-110-39) (8)	81.600	69.294
9	Wildlife Sanctuary – Chinnar (2406-02-110-39) (09)	225.000	54.986
10	Bird Sanctuary at Thattekkad (2406-02-110-39)(10)	105.900	34.479
11	Mangalavanam Bird Sanctuary (2406-02-110-39)(11)	50.000	6.860
12	Kurinjimala Sanctuary (2406-02-110-39)(12)	87.500	18.906
13	Chulannur Peacock Sanctuary (2406-02-110-39)(13)	70.000	9.481
14	Malabar Wildlife Sanctuary (2406-02-110-39)(14)	112.500	23.425
15	Kottiyoor Wildlife Sanctuary (2406-02-110-39)(15)	187.500	27.248
Sub Total		2470.000	765.585
II	NATIONAL PARKS		
1	Eravikulam National Park (2406-02-110-38)(01)	387.500	168.222
2	Silent Valley National Park (2406-02-110-38)(02)	525.000	156.728
3	Anamudi Shola National Park (2406-02-110-38)(03)	162.500	20.100
4	Mathikettan Shola National Park (2406-02-110-38)(04)	162.500	21.957
5	Pampadum Shola National Park (2406-02-110-38)(05)	162.500	19.923
Sub Total		1400.000	386.930
III	COMMUNITY RESERVE		
1	Integrated Development of Wildlife Habitats Management of Community Reserve (2406-02-110-37)(01)	30.000	4.680
Sub Total		30.000	4.680
IV	PROJECT TIGER		
1	Project Tiger Parambikulam Tiger Reserve (2406-02-110-36)(01)	1100.000	697.912
2	Project Tiger Parambikulam Tiger Reserve (2406-02-110-36)(02)	725.000	524.129
Sub Total		1825.000	1222.041
V	PROJECT ELEPHANT (2406-02-110-35)	805.000	718.723
VI	INTEGRATED FOREST PROTECTION SCHEME (2406-01-800-54)	350.000	326.419
VII	INTEGRATED DEVELOPMENT OF WILDLIFE HABITAT (PROTECTION OF WILDLIFE OUTSIDE PROTECTED AREAS (2406-02-110-52))	343.200	236.565
VIII	NILGIRI BIOSPHERE RESERVE (2406-02-110-34)	275.000	148.796

Sl. No.	Scheme & Head of Account	Budget Outlay	Expenditure
IX	AGASTHYAMALA BIOSPHERE RESERVE (2406-02-110-33)	275.000	177.802
X	WETLAND CONSERVATION (2406-02-110-32)	294.735	258.451
XI	INTEGRATED DEVELOPMENT OF WILDLIFE HABITATS TO WAYANAD WILDLIFE SANCTUARY FOR VOLUNTARY RELOCATION OF SETTLEMENTS FROM PROTECTED AREAS (2406-02-110-31))	656.800	0.000
XII	NATIONAL AFFORESTATION PROGRAMME (2406-01-102-86)	2750.000	0.000
TOTAL (B)		11474.735	4245.992
C. Externally Aided Project (EAP)			
1	CONSERVATION & RURAL LIVE HOOD IMPROVEMENT PROJECT (2406-02-110-41)	45.000	45.000
TOTAL (C)		45.000	45.000
GRAND TOTAL (A + B + C)		30769.735	18802.832

OUTLAY AND EXPENDITURE UNDER NON-PLAN SCHEMES

An expenditure of ₹ 39912.395 lakhs was incurred against the budget provision of ₹ 43558.600 lakhs during 2017-18. Details on budget head wise allotment and expenditure are shown in Table 5.6

TABLE 5.6 ACHIEVEMENTS ON NON-PLAN SCHEMES (FINANCIAL) DURING 2017-18 (*amount in lakhs*)

Sl. No.	Scheme & Head of Account	Budget Outlay	Expenditure
I	DIRECTION & ADMINISTRATION (2406-01-001)		
1	Office of the Chief Conservator of Forests (2406-01-001-99)	1967.260	1507.072
2	Office of the Conservator of Forests (2406-01-001-98)- Circle Office	1056.58	721.048
3	Working Plan & Research Circle (2406-01-001-97)	91.270	57.888
4	Vigilance & Evaluation Wing (2406-01-001-96)	1803.550	1537.052
5	District Offices (2406-01-001-95)	13327.350	12935.200
6	Statistical Cell (2406-01-001-94)	5.340	5.078

Sl. No.	Scheme & Head of Account	Budget Outlay	Expenditure
7	Timber Sales Division (2406-01-001-93)	674.210	648.301
8	FD Fund Collection of add. tax on sales of Forest Produce (2406-01-001-92)	0.010	0.000
SUB TOTAL		18925.570	17411.639
II EDUCATION & TRAINING (2406-01-003)			
1	Training (2406-01-003-99)	431.780	399.270
SUB TOTAL		431.780	399.270
III FOREST RESEARCH (2406-01-004)			
1	Forest Research & Training (2406-01-004-99)	68.680	57.115
2	Payment out of the KFDF for Forest Research (2406-01-004-95)	65.000	63.750
SUB TOTAL		133.680	120.865
IV SURVEY AND UTILIZATION OF FOREST RESOURCES (2406-01-005)			
1	Forest Resources Survey (2406-01-005-99)	51.320	51.752
2	Survey of Forest Boundaries (2406-01-005-98)	215.730	186.327
SUB TOTAL		267.050	238.079
V STATISTICS (2406-01-013)			
1	Planning & Statistical Cell (2406-01-013-99)	197.960	192.330
SUB TOTAL		197.960	192.330
VI COMMUNICATION & BUILDINGS (2406-01-070)			
1	Roads & Bridges (2406-01-070-99)	56.000	47.762
2	Buildings (2406-01-070-98)	192.510	141.677
SUB TOTAL		248.510	189.439
VII FOREST CONSERVATION DEVELOPMENT & REGENERATION (2406-01-101)			
1	Forest Consolidation & Acquisition of Private Forests(2406-01-101-99)	4509.630	3832.139
2	Working Plans, Evaluation Survey, etc. (2406-01-101-98)	2.500	1.984
3	Silvicultural Works (2406-01-101-97)	8.000	7.828
4	Fire Protection Work (2406-01-101-96)	24.170	18.340
5	Compensatory Afforestation (2406-01-101-92)	6.000	2.587
6	Amount met out of KFDF for Planting Softwood Trees (2406-01-101-91)	400.000	381.845

Sl. No.	Scheme & Head of Account	Budget Outlay	Expenditure
7	Transfer to the fund for TEAK under the Kerala Forest Revolving Fund for Teak and Pulpwood Rules,1999 (2406-01-101-90)	1000.000	968.029
8	Transfer to the fund for PULPWOOD under the Kerala Forest Revolving Fund for Teak and Pulpwood Rules,1999 (2406-01-101-89)	560.000	559.841
9	Forest Protection (2406-01-101-81)	5248.640	4597.529
SUB TOTAL		11758.940	10370.122
VIII	SOCIAL & FARM FORESTRY (2406-01-102)		
1	Plantation of fast growing species (2406-01-102-99)	401.060	391.617
2	Ecology Development World Bank Assisted Social Forestry (2406-01-102-98)	2808.460	2598.056
3	Ecology Development World Bank Assisted Social Forestry, Phase-II (2406-01-102-92)	158.140	156.439
SUB TOTAL		3367.660	3146.112
IX	FOREST PRODUCES (2406-01-105)		
1	Timber & Other Produces removed by Govt. Agencies (2406-01-105-99)	2500.000	2440.789
2	Firewood & Charcoal removed by Govt. Agencies (2406-01-105-98)	10.000	3.551
3	Other Produce removed by Govt. Agencies (2406-01-105-97)	0.080	0.000
4	Timber & Other Produces removed by Consumers (2406-01-105-96)	0.070	0.068
5	Confiscated Forest Produce, Drift wood, etc. (2406-01-105-95)	1.150	0.087
6	Livestock (2406-01-105-94)	550.000	568.951
7	Miscellaneous Advance Suspense (2406-01-105-93)	17.000	0.323
8	Teakwood (2406-01-105-92)	1108.150	1008.844
9	Softwood (2406-01-105-91)	148.570	100.808
SUB TOTAL		4335.020	4123.421
X	OTHER EXPENDITURE (2406-01-800)		
1	Forest Publicity(2406-01-800-98)	62.910	66.000
2	Forest Protection(2406-01-800-95)	1.000	0.232
3	Intensification of Forest Management (2406-01-800-93)	171.200	231.550
4	Relief to Victims Affected by the Attack of Wild Animals (2406-01-800-92)	406.950	402.377

Sl. No.	Scheme & Head of Account	Budget Outlay	Expenditure
5	Rewards to Informants (2406-01-800-91)	0.300	0.070
SUB TOTAL		642.360	700.229
XI WILDLIFE PRESERVATION (2406-02-110)			
1	Wildlife Preservation (2406-02-110-99)	2232.770	2132.046
2	Periyar Tiger Reserve Project (2406-02-110-93)	306.170	270.479
3	Eco-Development Global Environmental Facilities (2406-02-110-69)	113.890	75.984
4	Conservation of Bio-diversity (2406-02-110-68)	542.680	487.855
SUB TOTAL		3195.510	2966.364
XII LEGISLATIVE ASSEMBLY CONSTITUTION -ASSET DEVELOPMENT SCHEME (4406-01-101)			
1	Projects under Legislative Assembly Constituency Asset Development Scheme (4406-01-101-97)	54.550	54.525
SUB TOTAL		54.550	54.525
XIII ECOLOGICALLY FRAGILE LAND (4406-01-102)			
1	Acquisition Charges of land notified as EFL under the Kerala Forest (Vesting & Management of EFL) Act 2003 (4406-01-102-96)	0.010	0.000
SUB TOTAL		0.010	0.000
GRAND TOTAL		43558.600	39912.395

Note: - Since the reconciliation process of the Financial Year 2017-18 was not completed, figures given in tables 5.5 and 5.6 are as per the report of Accountant General.

FUNDS RECEIVED DIRECTLY FROM GOVERNMENT OF INDIA

The scheme-wise funds received directly from Government of India and the expenditure incurred during 2017-18 is given in Table 5.7.

TABLE 5.7 EXPENDITURE ON FUNDS RECEIVED DIRECTLY FROM THE GOVT. OF INDIA (amount in lakhs)		
Scheme	Amount Released during 2017-18	Expenditure Incurred
CAMPA	800.00	240.45

Note: Annual Plan of Operations (APO) for the year 2014-15 to 2017-18 were approved by Compensatory Afforestation Fund Management and Planning Authority (CAMPA) State Steering Committee meeting held on 14.11.2017 and was send to Adhoc CAMPA for release of funds. Accordingly, an amount of Rs. 8 crore for the Financial Year 2014-15 & 2015-16 was released during 2017-18.

TABLE 5.8 WORK DONE DURING THE YEAR FOR OTHER GOVERNMENT DEPARTMENTS, AUTONOMOUS BODIES, LOCAL BODIES OR AGENCIES AND EXPENDITURE INCURRED (*amount in lakhs*)

Sl. No.	Source	Beneficiary Circle / Division	Purpose	Expenditure
1	Petronet LNG Ltd	Social Forestry Ernakulam	Mangrove Afforestation	14.34
2	Petronet CCK Ltd		Compensatory Afforestation	10.18
			Fixing Bamboo Tree Guards	4.55

**Kerala Forest
Act, 1961
&
Wildlife Protection
Act, 1972**

FOREST OFFENCES



TABLE 6.1 ABSTRACT OF NUMBER OF CASES BOOKED

Cases	Upto 2017	During 2018	Total upto 2018
Under Kerala Forest Act	36625	492	37117
Under Wildlife Protection Act	2827	223	3050
61 A Cases	2023	51	2074
Other Acts	4539	122	4661
TOTAL	46014	888	46902

TABLE 6.2 CIRCLE WISE NUMBER OF CASES DISPOSED

Sl. No.	Circle	Disposed upto 2017	Disposed during 2018	Disposed upto 2018
1	Southern Circle, Kollam	1544	41	1585
2	High Range Circle, Kottayam	3346	38	3384
3	Central Circle, Thrissur	1406	8	1414

Sl. No.	Circle	Disposed upto 2017	Disposed during 2018	Disposed upto 2018
4	Eastern Circle, Palakkad	6017	60	6077
5	Northern Circle, Kannur	1811	34	1845
6	ABP, Thiruvananthapuram	51	3	54
7	FDPT, Kottayam	264	0	264
8	WL, Palakkad	430	10	440
TOTAL		14869	194	15063

TABLE 6.3 CIRCLE WISE CASES CHARGED IN THE COURT

Sl. No.	Circle	No. of Cases upto 2017	No. of Cases during 2018	No. of Cases upto 2018
1	Southern Circle, Kollam	1092	47	1139
2	High Range Circle, Kottayam	17572	33	17605
3	Central Circle, Thrissur	1386	42	1428
4	Eastern Circle, Palakkad	3389	24	3413
5	Northern Circle, Kannur	2092	45	2137
6	ABP, Thiruvananthapuram	144	1	145
7	FDPT, Kottayam	646	4	650
8	WL, Palakkad	403	5	408
TOTAL		26724	201	26925

TABLE 6.4 CIRCLE WISE CASES PENDING WITH DEPARTMENT

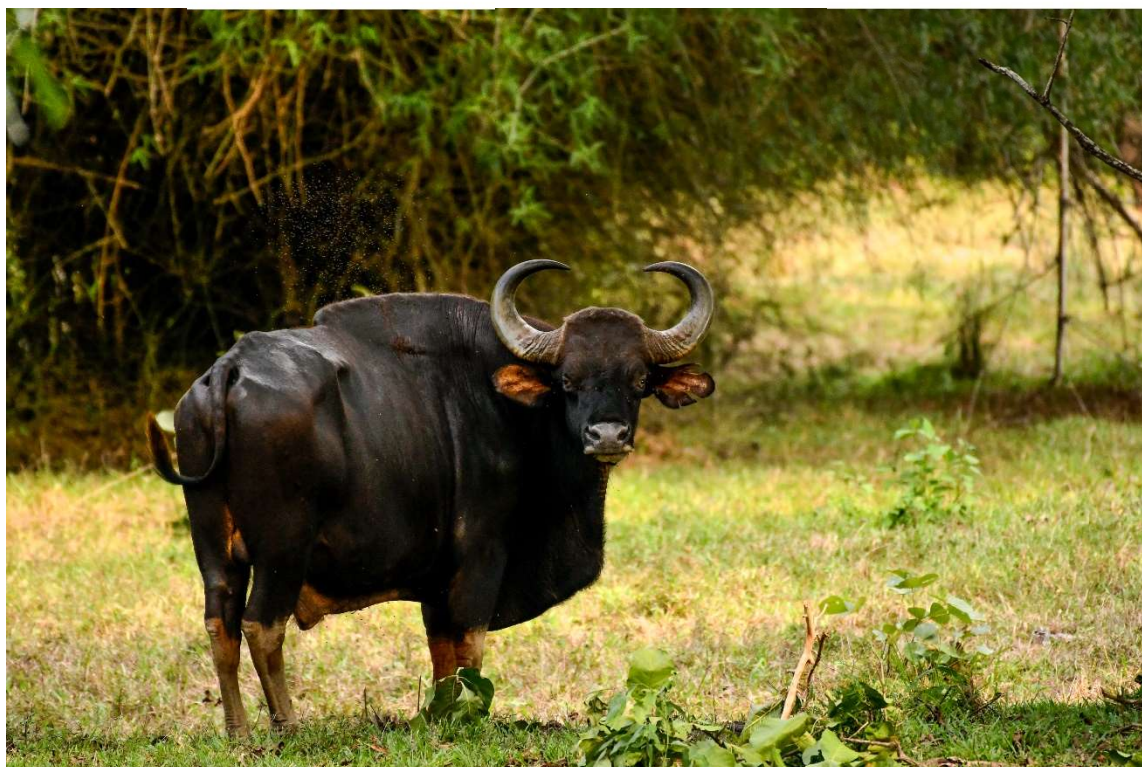
Sl. No.	Circle	No. of Cases upto 2017	No. of Cases during 2018	No. of Cases upto 2018
1	Southern Circle, Kollam	1347	53	1400
2	High Range Circle, Kottayam	2990	145	3135
3	Central Circle, Thrissur	1018	73	1091
4	Eastern Circle, Palakkad	2296	108	2404
5	Northern Circle, Kannur	1114	84	1198
6	ABP, Thiruvananthapuram	65	0	65
7	FDPT, Kottayam	396	8	404
8	WL, Palakkad	249	14	263
TOTAL		9475	485	9960

TABLE 6.5 CIRCLE WISE NUMBER OF CASES BOOKED UNDER VARIOUS ACTS

Sl. No.	Circle	Under KF Act upto 2017	KF Act during 2018	KF Act at the end of 2018	Under WLP Act upto 2017	WLP Act during 2018	WLP Act at the end of 2018	Other Acts upto 2017	Other Acts during 2018	Other Act at the end of 2018	No. of 61A cases upto 2017	61 A cases during 2018	61 A cases at the end of 2018
0	1	2	3	4	5	6	7	8	9	10	11	12	13
1	SC, Kollam	3140	99	3239	519	40	559	206	7	213	131	5	136
2	HRC, Kottayam	15208	99	15307	312	38	350	2712	68	2780	570	10	580
3	CC, Thrissur	2961	60	3021	563	41	604	164	11	175	124	10	134
4	EC, Palakkad	9866	127	9993	546	39	585	864	16	880	422	5	427
5	NC, Kannur	3304	77	3381	545	49	594	493	17	510	713	20	733
6	ABP, Thiruvananthapuram	197	4	201	53	0	53	7	0	7	2	0	2
7	FDPT, Kottayam	1155	3	1158	103	8	111	27	1	28	20	0	20
8	WL, Palakkad	794	23	817	186	8	194	66	2	68	41	1	42
TOTAL		36625	492	37117	2827	223	3050	4539	122	4661	2023	51	2074

WILDLIFE CONSERVATION





WILDLIFE SANCTUARIES & NATIONAL PARKS

During the year 2017-18, Kerala has 3213.237 km² of forests under protected area which include 6 National Parks, 17 Wildlife Sanctuaries (includes 2 Tiger Reserves, 2 Bird Sanctuaries, 1 Peafowl Sanctuary) and one Community Reserve which forms 28% of the total forest area.

TABLE 7.1

LIST OF WILDLIFE SANCTUARIES, NATIONAL PARKS, COMMUNITY RESERVES AND BIOSPHERE RESERVES

Sl. No.	Name	Area (km ²)	Year of formation
NATIONAL PARKS			
1	Eravikulam National Park	97.000	1978
2	Periyar National Park**	350.00	1982
3	Silent Valley National Park *	237.520	1984
4	Anamudi Shola National Park	7.500	2003

Sl. No.	Name	Area (km ²)	Year of formation
5	Mathikettan Shola National Park	12.817	2003
6	Pambadum Shola National Park	1.318	2003
WILDLIFE SANCTUARIES			
1	Periyar WLS (Tiger Reserve) **	925.000	1950
2	Neyyar Wildlife Sanctuary	128.000	1958
3	Peechi - Vazhani Wildlife Sanctuary	125.000	1958
4	Parambikulam WLS (Tiger Reserve) ***	643.660	1973
5	Wayanad Wildlife Sanctuary	344.440	1973
6	Idukki Wildlife Sanctuary	70.000	1976
7	Peppara Wildlife Sanctuary	53.000	1983
8	Thattekkad Bird Sanctuary	25.000	1983
9	Shenduruney Wildlife Sanctuary	171.000	1984
10	Chinnar Wildlife Sanctuary	90.440	1984
11	Chimmony Wildlife Sanctuary	85.000	1984
12	Aralam Wildlife Sanctuary	55.000	1984
13	Mangalavanam Bird Sanctuary	0.027	2004
14	Kurinjalimala Sanctuary	32.000	2006
15	Choolannur Pea Fowl Sanctuary	3.420	2007
16	Malabar Sanctuary ****	74.215	2009
17	Kottiyoor Wildlife Sanctuary	30.380	2011
COMMUNITY RESERVE			
1	Kadalundi-Vallikunnu Community Reserve	1.500	2007
BIOSPHERE RESERVE			
1	Agasthyamala Biosphere Reserve	1828.00	2001
2	Nilgiri Biosphere Reserve	1455.40	1986

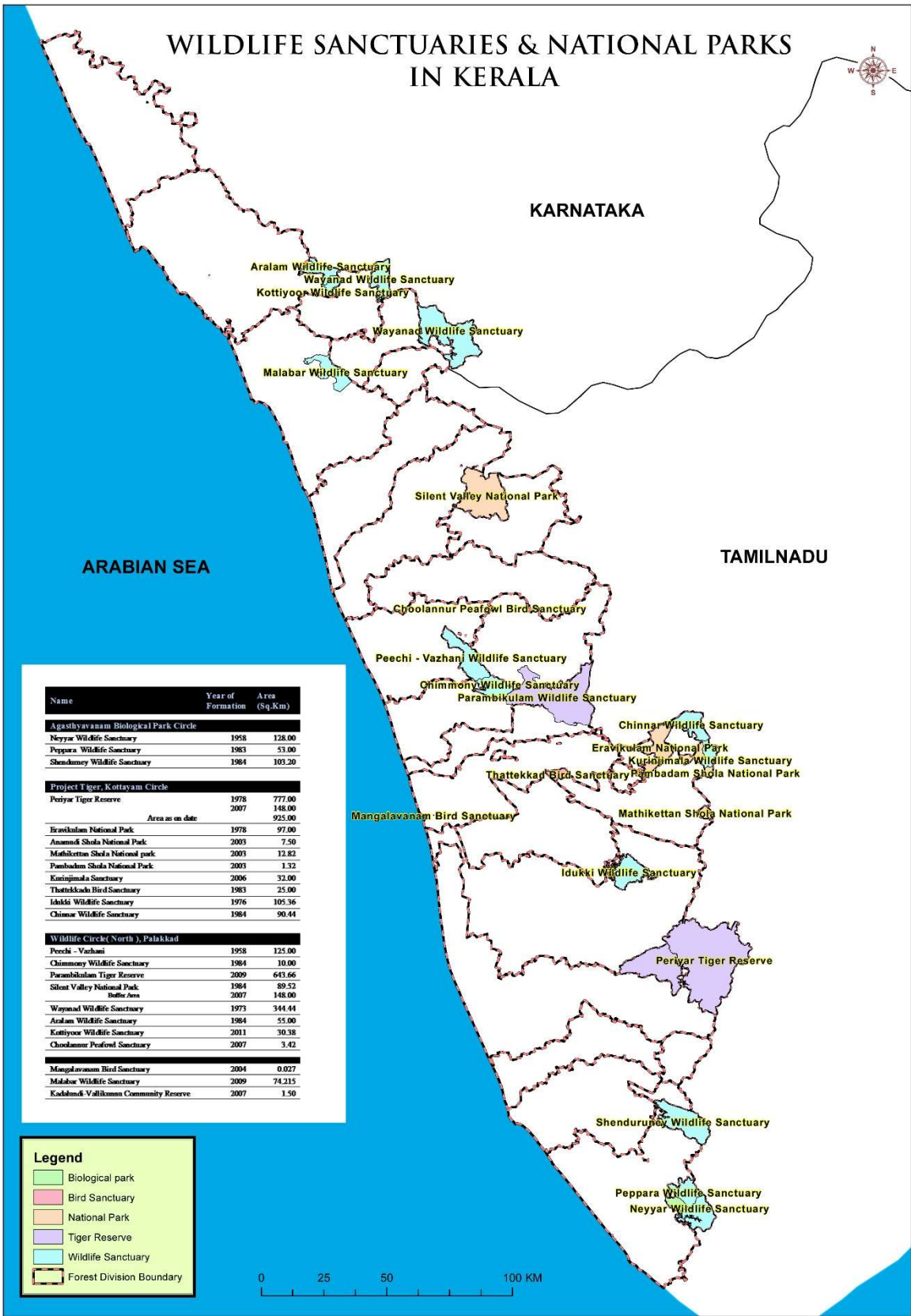
* Includes 148 km² of buffer zone added during 2007.

** Includes 148 km² of critical tiger core area from Goodricial range.

*** Includes core or critical tiger habitat (390.89 km²) & buffer zone (252.77 km²).

**** These areas are under the administrative control of Divisional Forest Officer,
Kozhikode.

WILDLIFE SANCTUARIES & NATIONAL PARKS IN KERALA



Name	Year of Formation	Area (Sq.Km)
Ashtmuvanam Biological Park Circle		
Neyyar Wildlife Sanctuary	1958	128.00
Peppara Wildlife Sanctuary	1983	53.00
Shendurney Wildlife Sanctuary	1984	103.20
Project Tiger, Kottayam Circle		
Periyar Tiger Reserve	1978	777.00
	2007	148.00
Area as on date		925.00
Ernakulam National Park		
Ernakulam National Park	1978	97.00
Anaimudi Shola National Park		
Anaimudi Shola National Park	2003	7.50
Mathikettan Shola National Park		
Mathikettan Shola National Park	2003	12.83
Pambadum Shola National Park		
Pambadum Shola National Park	2003	1.32
Kazinjimala Sanctuary		
Kazinjimala Sanctuary	2006	32.00
Thattekad Bird Sanctuary		
Thattekad Bird Sanctuary	1983	25.00
Idukki Wildlife Sanctuary		
Idukki Wildlife Sanctuary	1976	105.36
Chinnar Wildlife Sanctuary		
Chinnar Wildlife Sanctuary	1984	90.44
Wildlife Circle (North), Palakkad		
Peechi - Vazhani		
Peechi - Vazhani	1958	125.00
Chimmony Wildlife Sanctuary		
Chimmony Wildlife Sanctuary	1984	10.00
Parambikulam Tiger Reserve		
Parambikulam Tiger Reserve	2009	643.66
Silent Valley National Park		
Silent Valley National Park	1984	89.52
Buffer Area	2007	148.00
Wayanad Wildlife Sanctuary		
Wayanad Wildlife Sanctuary	1973	344.44
Aralam Wildlife Sanctuary		
Aralam Wildlife Sanctuary	1984	55.00
Kottiyoor Wildlife Sanctuary		
Kottiyoor Wildlife Sanctuary	2011	30.38
Choolannur Peafowl Sanctuary		
Choolannur Peafowl Sanctuary	2007	3.42
Mangalavanam Bird Sanctuary		
Mangalavanam Bird Sanctuary	2004	0.027
Malabar Wildlife Sanctuary		
Malabar Wildlife Sanctuary	2009	74.215
Kadambadi Vallikoman Community Reserve		
Kadambadi Vallikoman Community Reserve	2007	1.50

Legend	
■	Biological park
■	Bird Sanctuary
■	National Park
■	Tiger Reserve
■	Wildlife Sanctuary
	Forest Division Boundary



TABLE 7.2 | STATUS OF MANAGEMENT PLAN

Sl. No.	Name	Area (km ²)	Status
1	Eravikulam National Park	97.000	Valid upto 03.2022
2	Silent valley National Park	237.520	Valid upto 03.2022
3	Anamudi Shola National Park	7.500	Valid upto 03.2020
4	Mathikettan Shola National Park	12.817	Valid upto 03.2020
5	Pambadum Shola National Park	1.318	Valid upto 03.2020
6	Periyar Tiger Reserve	925.000	Valid upto 03.2022
7	Neyyar Wildlife Sanctuary	128.000	Valid upto 03.2022
8	Peechi - Vazhani Wildlife Sanctuary	125.000	Valid upto 03.2022
9	Parambikulam Tiger Reserve	643.660	Valid upto 03.2021
10	Wayanad Wildlife Sanctuary	344.440	Valid upto 03.2022
11	Idukki Wildlife Sanctuary	70.000	Valid upto 03.2022
12	Peppara Wildlife Sanctuary	53.000	Valid upto 03.2022
13	Thattekkad Bird Sanctuary	25.000	Valid upto 03.2022
14	Shenduruneey Wildlife Sanctuary	171.000	Valid upto 03.2022
15	Chinnar Wildlife Sanctuary	90.440	Valid upto 03.2022
16	Chimmony Wildlife Sanctuary	85.000	Valid upto 03.2022
17	Aralam Wildlife Sanctuary	55.000	Valid upto 03.2022
18	Mangalavanam Bird Sanctuary	0.027	Valid upto 03.2020
19	Kurinjalama Sanctuary	32.000	Valid upto 03.2022
20	Choolannur Pea fowl Sanctuary	3.420	Valid upto 03.2022
21	Malabar sanctuary	74.215	Valid upto 03.2020
22	Kadalundi - Vallikunnu Community Reserve	1.500	Valid upto 03.2020
23	Kottiyoor Wildlife Sanctuary	30.380	Valid upto 03.2023
TOTAL		3213.237	

DETAILS OF HUMAN-WILDLIFE CONFLICT INCIDENTS

A total of 7229 Human Wildlife conflict incidents have reported in Kerala during 2017-18.

TABLE 7.3 DETAILS OF HUMAN-WILDLIFE CONFLICT INCIDENTS

Incidents	Snake	Elephant	Wild Boar	Wild Gaur	Tiger	Leopard	Others	Total
Human Death	92	21	3	1	2	0	0	119
Human injured	649	45	103	3	12	1	33	846
Cattle Death	15	166	1	2	97	192	88	561
Crop damage & Property loss	0	3236	1194	4	190	7	1072	5703
TOTAL	756	3468	1301	10	301	200	1193	7229

MAJOR PREVENTIVE STRUCTURES

Details of the major preventive structures constructed to mitigate human-wildlife conflict as on 31.03.2018

TABLE 7.4 DETAILS OF THE MAJOR PREVENTIVE STRUCTURES CONSTRUCTED TO MITIGATE HUMAN-WILDLIFE CONFLICT

Circle	Solar Power fencing (km)	Elephant proof trench (km)	Elephant proof wall (km)	Stone pitched trench (km)	Bio fence (km)	Kayyala (km)
SC, Kollam	269.51	75.41	6.44	1.33	2.45	155.02
HRC, Kottayam	118.52	5.41	0.45	0.00	24.22	13.09
CC, Thrissur	218.48	12.58	0.34	1.08	0.00	6.45
EC, Palakkad	381.34	26.95	6.99	1.18	0.00	49.29
NC, Kannur	589.85	196.57	149.27	0.26	0.00	5.12
ABP, Tvpm	79.65	10.11	0.00	0.00	0.00	1.64
FD-PT, Kottayam	104.35	41.71	1.14	0.27	0.00	18.17
WL, Palakkad	331.91	249.66	12.38	2.18	0.00	0.04
TOTAL	2093.61	618.40	177.01	6.3	26.67	248.82

COMPENSATION PAID TO VICTIMS OF WILDLIFE ATTACK

The Kerala Forest Department provides compensation to the victims of attack by wild animals vide 'Kerala Rules for Payment of compensation to victims of wild animals 1980'. During 2017-18, a total of ₹ 1018.68 lakhs have been distributed to the victims.

TABLE 7.5 COMPENSATION PAID TO VICTIMS OF WILDLIFE ATTACK DURING 2017-18

Circle	Human death		Human injured		Cattle loss		Crop damage & Property loss		Grand total	
	No. of applicants	Amount Paid (in lakhs)	No. of applicants	Amount Paid (in lakhs)	No. of applicants	Amount Paid (in lakhs)	No. of applicants	Amount Paid (in lakhs)	No. of applicants	Amount Paid (in lakhs)
SC, Kollam	39	49.00	154	46.39	34	4.19	592	41.12	819	140.70
HRC, Kottayam	9	16.50	47	14.01	29	6.23	247	35.23	332	71.97
CC, Thrissur	44	35.90	165	60.70	44	6.17	444	29.01	697	131.78
EC, Palakkad	48	60.50	164	62.11	64	9.96	1140	116.25	1416	248.82
NC, Kannur	23	24.00	401	80.40	171	31.47	4293	192.96	4888	328.83
ABP, Tvpm	1	5.25	1	0.44	0	0	33	4.11	35	9.79
FD-PT, Kottayam	0	0	8	2.85	3	0.69	75	5.25	86	8.78
WL, Palakkad	4	7.06	13	3.86	98	4.56	945	62.53	1060	78.01
TOTAL	168	198.21	953	270.76	443	63.27	7769	486.46	9333	1018.68

RAPID RESPONSE TEAM (RRT)

As per G.O (Rt) 275/11/F&WLD dated: 22-06-2011, Government established Rapid Response Team to drive back the crop raiding wild elephants and to manage other problems relating to human-animal conflict.

TABLE 7.6 DETAILS OF RAPID RESPONSE TEAMS DURING 2017-18

Sl. No.	Location	Head Quarter	Territorial / Wildlife division to which the team is attached	Range Officer in charge of the team	Contact Number	
					Mobile	Office
1	Sulthan Batheri	Sulthan Batheri	Wayanad WL	Assistant WLW, Sulthan Batheri	8547603486	0493-6221640
2	Kannur	Thaliparamba	Kannur	Range Officer, Thalaiparamba	8547602678	0460-2206696
3	Palakkad	Olavakode	Palakkad	Range Officer, Olavakkode	8547602100	0491-2552815
4	Nilambur	Nilambur	Nilambur North	Range Officer, Nilambur	8547602200	04931-220005
5	Ranni	Ranni	Ranni	Range Officer, Ranni	8547600927	0473-5223471
6	Kozhikode	Thamarassery	Kozhikode	Range Officer, Thamarassery	8547602828	0495-2223720
7	Mannarkad	Mannarkad	Mannarkad	Range Officer, Mannarkadu	8547602315	0492-4225566
8	Peppara	Paruthippally	Tvm WL	Range Officer, Paruthippally	8547600970	0472-2854022
9	Kasargod	Kasargod	Kasargod	Range Officer, Kasargode	8547602526	04994-225072
10	Kalpetta	Kalpetta	Wayanad South	Range Officer, Kalpetta	8547602715	04936-205038
11	Malayattoor (SFPF)*	Malayattoor	Malayattoor	Range Officer, Kodanad	8547604182	0484-2640774
12	Munnar	Munnar	Munnar	Range Officer, Devikulam	8547601337	04865-264377
13	Punalur	Punalur	Punalur	Range Officer, Anchal	8547600725	04752-276648
14	Peerumedu	Peerumedu	Periyar west	Range Officer, Azhutha	8547603123	04869-233710

*Under Malayattoor division one 'Special Forest Protection Force' (SFPF) is functioning and which carried out the functions of Rapid Response Team.

WILDLIFE CENSUS

A general Wildlife census has been conducted from 18th to 20th May 2011 in collaboration with Kerala Forest Research Institute (KFRI), Peechi, and Thrissur. Last general Wildlife census was conducted during 2002 and previously during 1993 and 1997.

TABLE 7.7 SPECIES WISE POPULATION OF ANIMALS

Sl. No.	Species	No. of animals (1993)	No. of animals (1997)	No. of animals (2002)	No. of animals (2011)
1	Elephant	4286	5737	6965	7490
2	Gaur	4840	4151	14787	17860
3	Malabar Giant Squirrel	1384	63474	88919	---
4	Nilgiri Langur	2987	24809	51517	---
5	Sambar Deer	10665	13661	30414	32148
6	Spotted Deer	6259	14881	38391	11398
7	Wild Boar	40963	40425	60940	48034
8	Nilgiri Tahr	1075	1008	902	---
9	Tiger	76	73	71 ± 7	---

TIGER CENSUS

Monitoring of tigers, co-predators, their prey and habitats was carried out in the forests of Kerala as part of the all India tiger estimation, as per the guidelines issued by National Tiger Conservation Authority (NTCA) from 16th to 23rd December 2013 and the new census is also in progress. The status report of tigers in India published by the Ministry of Environment, Forest and Climate Change (MoEF&CC) shows that the population of tigers in Kerala has increased to 136 from the population of 71 in 2010. The report states that the tiger population and occupancy has shown a substantial increase in Western Ghats landscape. A comparison of the population of tigers as per the past estimations is given in bellow.

TABLE 7.8 | TIGER CENSUS

Year	1997	2002	2006	2010	2014	2018
Number	73	71	46	71	136	190

ELEPHANT CENSUS



In Kerala, All India Synchronized Elephant Population Estimation was carried out during 2017 with the active participation and involvement of Periyar and Parambikulam Tiger Foundation and Kerala Forest Research Institute. The estimated number of elephant in Kerala during 2017 is 5706 which is pending for approval from MoEF. The density was estimated to be 0.59/km².

The estimated number of elephants from dung count method during 2017 along with the estimated elephant populations during previous estimation are given below

TABLE 7.9 NUMBER OF ELEPHANTS FROM DUNG COUNT METHOD

Elephant Reserve	2005		2007		2010		2012		2017**	
	No.	Sex-ratio*	No.	Sex-ratio*	No.	Sex-ratio*	No.	Sex-ratio*	No.	Sex-ratio*
Wayanad	882	1:2.60	1240	1:1.95	1155	1:1.90	1483	1:2.24	5706	1:1.51
Nilambur	334	1:1.23	663	1:1.44	1044	1:1.30	647	1:1.15		
Anamudi	2299	1:4.69	2505	1:4.52	2220	1:2.10	2086	1:4.98		
Periyar	1620	1:3.93	1660	1:2.87	1758	1:1.3	1810	1:2.30		
TOTAL	5135	1:3.38	6068	1:2.96	6177	1:1.68	6026	1:2.71	5706	1:1.51

Source: Elephant Population Estimation 2012- Kerala

*Sex-ratio (Male to female in adult population)

**2017 -awaiting approval from Project Elephant, MoEF&CC

TABLE 7.10 ESTIMATED POPULATION OF ELEPHANTS AT DIVISION LEVEL

Sl. No.	Territorial Forest Division /Protected area	No. of Elephants extrapolated	Estimated Elephant density (No. / km ²)
TERRITORIAL DIVISION			
1	Thiruvananthapuram	125	0.3872
2	Thenmala	19	0.1600
3	Punalur	12	0.2714
4	Achenkovil	155	0.5458
5	Konni	105	0.3222
6	Ranni	343	0.4279
7	Kottayam	173	0.5296
8	Marayoor	12	0.2263
9	Mankulam	85	0.9454
10	Kothamangalam	224	0.7539
11	Malayattoor	369	0.7080
12	Munnar	191	0.3086
13	Vazhachal	231	0.6242
14	Chalakyudy	35	0.1318
15	Nenmara	253	0.7955
16	Palakkad	106	0.6018
17	Mannarkad	247	0.6237

Sl. No.	Territorial Forest Division /Protected area	No. of Elephants extrapolated	Estimated Elephant density (No. / km ²)
18	Nilambur south	289	0.9089
19	Nilambur north	162	0.4276
20	Kozhikode	119	0.4253
21	Kannur	82	0.3768
22	Wayanad South	332	1.0503
23	Wayanad North	106	0.5893
PROTECTED AREA			
1	Thiruvananthapuram WL	61	0.3128
2	Shendurney WLS	221	1.4787
3	Periyar Tiger Reserve	741	0.8316
4	Chinnar WL	68	0.8453
5	Iravikulam NP	18	0.1868
6	Shola NP & Kurinjimala WLS	49	0.5265
7	Idukki WL	114	1.7459
8	Peechi WL	27	0.1706
9	Parambikulam WLS	360	1.3717
10	Silent valley NP	145	0.6086
11	Aralam WLS	15	0.2774
12	Wayanad WLS	768	2.2426
13	Thattekkad BS	12	0.7128

Source: Elephant Population Estimation 2012- Kerala

CAPTIVE ELEPHANTS

Provisions of Wildlife (Protection) Act, 1972 and the Kerala Captive Elephant (Management & Maintenance) Rules, 2012 have strictly implemented in the State. State level task force, in which Addl. Principal Chief Conservator of Forests (Biodiversity Cell) is the convenor and district level task force on Captive Elephants have been constituted vide G.O (Ms) No.03/2015/F&WLD dated 17.01.2015 for ensuring welfare of Captive Elephants. So far, 430 owners and 2842 mahouts have been trained by Kerala Forest Department.

Total number of captive elephants in the state is 535. Out of this, 498 elephants are privately owned and 37 elephants are owned by the department. The number private and department owned elephants implanted with microchip are 495 and 33 respectively. During the report year, twenty three deaths of captive elephants are reported in the State.

TABLE 7.11 | DETAILS OF CAPTIVE ELEPHANTS AS ON 31.03.2018

No. of elephants implanted with microchip		No. of elephants not implanted with microchip		No. of elephants dead	
Privately owned	Department owned	Privately owned	Department owned	Privately owned	Department owned
495	33	3	4	23	0

TABLE 7.12 | DIVISION WISE NUMBER OF DEPARTMENT ELEPHANTS

Sl. No.	Division	Number of elephants
1	Konni	7
2	Malayattoor	7
3	Thiruvananthapuram Wildlife	17
4	Wayanad Wildlife	8
TOTAL		39

TABLE 7.13 | DETAILS OF DEPARTMENTAL ELEPHANTS IMPLANTED WITH MICRO-CHIP

Division	Sl. No	Elephant	Micro-chip number	Age	Sex
Konni	1	Soman	00065DB7BJ	76	Male
	2	Priyadarshini	00065EA5AF	35	Female
	3	Meena	000658C223	28	Female
	4	Surendran	00065D7F6D	20	Male
	5	Eva	00065DC7E0	17	Female
	6	Krishna	000658DD68	6	Male
	7	Pinchu		2	Female

Division	Sl. No	Elephant	Micro-chip number	Age	Sex
Malayattoor	8	Sunitha	00065EAE98	48	Female
	9	Neelakandan	00065EA6E9	22	Male
	10	Asha	000658E6DD	15	Female
	11	Parvathy	00065EB28E	13	Female
	12	Anjana	00065EA472	13	Female
	13	Hariprasad	961001000003890	44	Male
	14	Chandranath	0006E14CA5E	27	Male
	15	Chandru		41	Male
Thiruvananthapuram (WL)	16	Moni	00065EBD04	72	Male
	17	Jayasree	00065DA371	47	Female
	18	Ammu	00065D95E5	17	Female
	19	Minna	000658BFCE	16.5	Female
	20	Rajkumar	00065EB67D	40	Male
	21	Agasthyan	000658C214	9.5	Male
	22	Raja	00065DC227	15.5	Male
	23	Rana	00065EAD23	15.5	Male
	24	Sundari	00065D78F0	17.5	Female
	25	Unnikrishnan	000658BAD6	19.5	Male
	26	Podichi	00065ED152	2	Female
	27	Arjun	000658D973	2	Male
	28	Poorna	00065EB6C6	2	Female
	29	Manu	00065EBF4D	1	Male
30	Maya		3	Female	
Wayanad WL	31	Suryan	00065DAEE3	22	Male
	32	Kunju	000658EF9E	30	Male
	33	Pramugha	00065ECBF4	41	Male
	34	Ammu	00065EB384	4	Female
	35	Chandru	00065ECF0B	3	Male
	36	Siva		46	Male
	37	Bharath	00065EC8A5	56	Male

NILGIRI TAHR CENSUS



The Nilgiri tahr is an endemic species showing restricted distribution in the mountain landscapes of Southern Western Ghats in the states of Kerala and Tamilnadu. Low population status, discontinuous distribution and human intervention in a highly fragile ecosystem brought Nilgiri tahr in the IUCN red data book under the status 'Endangered'. It is also listed in the schedule I of Wildlife (Protection) Act 1972.

The estimated populations of Nilgiri tahr are given below.

TABLE 7.14 ESTIMATED POPULATION OF NILGIRI TAHR (2008 TO 2016)

Year	2008	2009	2010	2011	2012	2013	2014	2015	2016
Population	743	747	776	831	789	873	894	900	1420

TABLE 7.15 ESTIMATED POPULATION OF NILGIRI TAHR IN DIFFERENT LANDSCAPES

Sl. No.	Landscape	Number of Nilagiri tahr
1	Thiruvananthapuram	173
2	Periyar	19
3	Munnar (Except Eravikulam National Park)	425
4	Parambikulam	25
5	Silent Valley	114
Population estimation for Eravikulam National Park alone		664
Total number of individuals estimated in Kerala		1420

Source: Population Estimation of Nilagiri thar in Kerala-2016

ELEPHANT CORRIDORS

TABLE 7.16 LIST OF ELEPHANT CORRIDORS

Name of the corridor	Area	Forest type	Legal status	Major land use	Habitations in corridor	Villages dependent on corridors
Nilambur Kovilakom –New Amarambalam (Vazhikkadavu) Nilambur North Division	Length: 1 km Width: 0.5 km	Tropical Semi evergreen	RF	Forest & plantation	Nil	Vazhikkadavu & Karakkodu
Periya at Pakranthalam North Wayanad Division	Length: 0.5 km Width: 0.2 km	Tropical moist Deciduous	RF	Forest, Fallow land & Settlement	Pakranthalam & Panoth	Pakranthalam, Panoth & Niravil puzha
Tirunelli-Kudrakote North Wayanad Division	Length: 6 km Width: 1-1.5 km	Tropical moist Deciduous & Teak plantation	RF with small part as patta lands	Forest settlement, agriculture & plantation	Edayurvayal	Appapara, Vaduvakkalim, Edayurvayal, Pulayankolli, Thirunelli, Padaladi
Kottiyoor-Periya Kannur & North Wayanad Division	Length: 0.5 km Width: 0.1 km	Tropical Semi evergreen	RF	Forest settlement	Periya, Pokkottu-Chapparam, Chandanathodu & CRP Kunnu	Periya, Pokkottu-Chapparam, Chandanathodu, CRP Kunnu & Alatti

WILD ANIMALS RESCUED

During the year 2017-18, many cases of man – animal conflicts were identified and further action was taken on scientific manner. Wild animals came into human habitations were caught as per regulations and released in their natural habitat. The wildlife wing gives permissions to such operations under strict guidelines. Details of wild animals rescued are given in below.

TABLE 7.17 | **DETAILS OF WILD ANIMALS RESCUED**

Sl. No.	Name of Animals	Number
1	Python	2988
2	Spectacled Cobra (Indian Cobra)	1811
3	Monkey	470
4	Other Snakes	1704
5	Wild boar	306
6	Viper	409
7	Asian Palm Civet	165
8	Parrot	139
9	Ratsnake	231
10	Other Animals	51
11	Krait	52
12	King Cobra	105
13	Other Birds	260
14	Elephant	77
15	Jungle Cat	42
16	Peacock	53
17	Sand Boa	16
18	Wild Porcupines	43
19	Fox	25
20	Eagle	21

Sl. No.	Name of Animals	Number
21	Toady Cat	113
22	Sambar Deer	44
23	Tortoise	104
24	Grey Hornbill	2
25	Leopard	4
26	Malabar Giant Squirrel	11
27	Monitor lizard	83
28	Spotted deer	54
29	Barking deer	13
30	Crane	2
31	Wolf	12
32	Indian Pangolin	7
33	Mongoose	9
34	Mouse deer	4
35	Wild Gour	2
TOTAL		9432

OTHER VITAL INFORMATION ON FORESTRY





STATUS OF WORKING PLANS

Working plan is the main instrument of forest management and is defined as a written scheme of management aiming at continuity of policy (normally for a period of 10 years) controlling the treatment of forest. The status of working plans as on 31.03.2018 is given below.

TABLE 8.1 STATUS OF WORKING PLAN AS ON 31-03-2018

Sl. No.	Division	Valid up to	Status
DIVISIONS WHERE APPROVED WORKING PLAN OR MANAGEMENT PLAN IS AVAILABLE			
1	Thiruvananthapuram	31.03.2017	New WP under preparation
2	Thenmala	31.03.2019	Working Plan is current
3	Achenkoil	31.03.2018	Working Plan is current

Sl. No.	Division	Valid up to	Status
4	Ranni	31.03.2024	Working Plan is current
5	Punalur	31.03.2021	Working Plan is current
6	Konni	31.03.2025	Working Plan is current
7	Kothamangalam	31.03.2026	Working Plan is current
8	Munnar	31.03.2020	Working Plan is current
9	Marayoor	31.03.2020	Working Plan is current
10	Mankulam	31.03.2022	Working Plan is current.
11	Kottayam	31.03.2017	New WP under preparation
12	Vazhachal	31.03.2017	New WP under preparation
13	Chalakkudy	31.03.2017	New WP under preparation
14	Malayattoor	31.03.2025	Working Plan is current
15	Thrissur	31.03.2024	Working Plan is current
16	Mannarkkad	31.03.2022	Working Plan is current
17	Nilambur (North)	31.03.2025	Working Plan is current
18	Nilambur (South)	31.03.2024	Working Plan is current.
19	Palakkad	31.03.2019	Working Plan is current.
20	Nenmara	31.03.2025	Working Plan is current
21	Kozhikkode	31.03.2021	Working Plan is current
22	Wayanad (North)	31.03.2025	Working Plan is current
23	Wayanad (South)	31.03.2022	Working Plan is current
24	Kannur	31.03.2023	Working Plan is current.
25	Kasargod	31.03.2023	Working Plan is current

FOREST FIRE STATISTICS

During the year 2017-2018 a total of 314 number of incidents relating to forest fire have been reported amounting for a total destruction of 1114.814 Ha. of forest area causing financial loss of ₹ 53100/- Details of forest fire incidents are given in below tables

TABLE 8.2 **DETAILS OF DIVISION WISE FOREST FIRE INCIDENTS**

Sl. No.	Name of division	No. of incidents	Area destroyed by fire (Ha)	Financial loss(₹)
TERRITORIAL DIVISION				
1	Thiruvananthapuram	6	2.425	3000
2	Thenmala	8	21.000	0
3	Punalur	2	7.400	20000
4	Konni	3	1.000	0
5	Achenkovil	1	6.000	0
6	Ranni	10	9.937	0
7	Kottayam	32	69.150	0
8	Marayoor	14	58.309	0
9	Kothamangalam	33	59.569	0
10	Munnar	26	112.95	0
11	Malayattoor	5	41.600	250
12	Vazhachal	3	39.000	0
13	Chalakyudy	8	33.500	0
14	Thrissur	3	20.680	5000
15	Nenmara	32	30.400	0
16	Palakkad	31	115.797	20000
17	Mannarkad	3	56.761	0
18	Nilambur south	14	43.250	2100
19	Nilambur north	4	7.000	0
20	Kozhikode	5	7.283	1500
21	Kannur	1	7.470	0
22	Wayanad south	5	51.309	0
23	Wayanad north	5	12.078	750
24	Kasargod	4	5.010	500
TOTAL		258	818.878	53100
WILDLIFE DIVISION				
25	Thiruvananthapuram WL	6	12.500	0
26	Periyar East	4	9.500	0
27	Periyar West	4	31.405	0
28	Munnar Wildlife	3	13.980	0
29	Idukki Wildlife	4	12.000	0
30	Peechi Wildlife	16	12.071	0
31	Silent Valley National Park	12	73.000	0
32	Parambikkulam	1	124.000	0
33	Wayanad Wildlife	6	7.480	0
TOTAL		56	295.936	0
GRAND TOTAL		314	1114.814	53100

TABLE 8.3 DETAILS OF FIRE INCIDENTS

Year	Number of incidents	Area destroyed by fire (Ha)	Financial loss(₹)
2013-2014	525	2633.150	246300
2014-2015	339	1696.419	111175
2015-2016	502	1975.370	25420
2016-2017	716	3290.200	295836
2017-2018	314	1114.814	53100

FIRE PROTECTION MEASURES

Protection of the forests from fire was carried out mainly by undertaking fire lines and engaging fire protection watchers. During 2017-18, 7898.933 km length of fire line was constructed and 156805 numbers of fire watchers engaged and 2353.97 lakhs was expended for this activity.

TABLE 8.4 DETAILS OF FIRE PROTECTION MEASURES TAKEN UP DURING 2017-18

Sl. No.	Name of division	Length of fire line (km)	No. of fire watchers engaged (man days)	Expenditure (amount in rupees)
TERRITORIAL DIVISION				
1	Thiruvananthapuram	450.010	298	9146044
2	Thenmala	434.852	3682	10941000
3	Punalur	518.356	12684	17583856
4	Konni	346.200	5251	39282723
5	Ranni	544.700	10039	6326000
6	Achencovil	277.045	3207	4667514
7	Kottayam	214.000	7835	3980400
8	Marayoor	53.455	2101	1262610
9	Kothamangalam	98.000	1252	2901251
10	Munnar	148.000	2482	4373934
11	Mankulam	109.060	900	2840774

Sl. No.	Name of division	Length of fire line (km)	No. of fire watchers engaged (man days)	Expenditure (amount in rupees)
12	Malayattoor	182.400	2759	5426760
13	Vazhachal	326.050	843	6306884
14	Chalakydy	71.510	2666	3217862
15	Thrissur	283.350	8275	1406801
16	Nenmara	150.800	3465	3111100
17	Palakkad	178.300	1765	5905000
18	Mannarkad	95.500	2576	3474000
19	Nilambur south	166.38	1612	4494132
20	Nilambur north	116.300	5360	5375000
21	Kozhikode	45.140	5146	3229589
22	Kannur	31.900	3905	4588000
23	Wayanad south	369.165	9194	11922911
24	Wayanad north	225.750	6662	9109383
25	Kasargod	236.350	2533	4908763
TOTAL		5672.573	106492	175782291
WILDLIFE DIVISION				
26	Thiruvananthapuram WL	213.550	4761	7311000
27	Shenduruney	146.000	2143	4360000
28	Periyar East	226.600	9026	4418476
29	Periyar West	132.800	2612	1645560
30	Munnar WL	407.950	5470	10973853
31	Idukki WL	154.850	1440	2783333
32	Peechi WL	144.000	3526	2569000
33	Parambikkulam TR	350.000	5119	7230730
34	Silent valley NP	114.350	6996	7128910
35	Wayanad WL	256.910	6878	8605402
36	Aralam	79.350	2342	2588425
TOTAL		2226.36	50313	59614689
GRAND TOTAL		7898.933	156805	235396980

SEEDLINGS



66.12 lakh of valuable seedlings have been distributed to public and planted all over the State from this 57.976 seedlings have been raised.

TABLE 8.5 SPECIES WISE NUMBER OF SEEDLINGS RAISED (*in lakhs*)

Division	Teak	Mahagony	Sandal wood	Medicinal plants	Casurina	Other hardwood	Bamboo	Misc.	Total
Thiruvananthapuram	0	0.470	0	0.264	0	0	0	0	0.734
Thenmala	1.800	0	0	0	0	0	0	1.125	2.925
Punalur	0	0	0	0	0	0	0	0.250	0.250
Achencoil	0.150	0	0	0	0	0	0.250	0	0.400
Ranni	1.850	0	0	0	0	0	0	0	1.850
Konni	12.500	0	0	0	0	0	0	0	12.500
Munnar	0	0	0	0	0	0	0.100	0.050	0.150
Kothamangalam	0	0	0	0	0	0	0.033	0	0.033
Marayoor	0	0	0.110	0.115	0	0	0	0	0.225
Kottayam	1.250	0	0	0	0	0	0	0	1.250
Chalakydy	0.100	0	0	0	0	0	0	0.500	0.600

Division	Teak	Mahagony	Sandal wood	Medicinal plants	Casurina	Other hardwood	Bamboo	Misc.	Total
Nilmbur North	2.500	0.500	0	0	0	0	0	0	3.000
Nenmara	0	0	0	0.130	0	0	0.070	0	0.200
Kasargode	0	0	0	0	0	0	0	0	0
S F, Tvpm	0.0185	0.212	0.020	0.688	0	0.107	0	0.341	1.387
SF, Kollam	0	0.605	0	0.645	0	0.036	0.285	0.330	1.901
SF, Pathanamthitta	0	0.390	0.070	0.273	0	0.145	0.170	0.811	1.859
SF, Alapuzha	0	0.205	0	0	.75	0.278	0.200	1.785	3.218
SF, Kottayam	0.150	1.107	0.035	1.414	.09	0.651	0.137	1.168	4.752
SF, Idukki	0.100	0.185	0.110	0.238	0	0.191	0.095	1.181	2.100
SF, Ernakulam	0	0.272	0.032	1.716	0.1	0.180	0.175	0.781	3.256
SF, Thrissur	0.230	1.450	0	0	0	0.240	0	1.223	3.143
SF, Palakkad	0	0.909	0.094	0.137	0	0	0	0.851	1.991
SF, Malappuram	0	0.980	0	0	0.10	0	0.200	0.775	2.055
SF, Kozhikkode	0	0.327	0.070	0.885	0.05	0.122	0.036	1.714	3.204
SF, Wayanad	0.015	0.805	0	0	0	0.020	0.110	0.425	1.375
SF, Kannur	0.034	0.268	0	0	0.15	0.025	0.005	1.254	1.736
SF, Kasaragode	0.160	0.09	0	0	0.70	0	0.120	0.555	1.625
NSC Kalady	0	0.075	0.060	0	0	0	0.100	0.022	0.257
TOTAL	20.858	8.85	0.601	6.505	1.94	1.995	2.086	15.141	57.976

PARTICIPATORY FOREST MANAGEMENT

The State has adopted participatory forest management as a strategy for conservation of bio-diversity and for the improvement of livelihood of forest dependent people by forming partnership institutions at grass root level since 1998. The institutions in territorial forest divisions are called Vana Samrakshana Samithies. Those in Sanctuaries and National Parks are called Eco-Development Committees. During the year 2017-18, there were 400 numbers of VSSs and 190 numbers of EDCs.

TABLE 8.6

DIVISION WISE NUMBER OF VANA SAMRAKSHANA SAMITHIES (VSS)

Sl. No.	Territorial Division	No. of Vana Samrakshana Samithies
1	Thiruvananthapuram	20
2	Thenmala	11
3	Punalur	15
4	Konni	20
5	Ranni	34
6	Achencoil	6
7	Kottayam	13
8	Kothamangalam	10
9	Munnar	11
10	Marayoor	23
11	Mankulam	9
12	Malayattoor	17
13	Vazhachal	11
14	Chalakyudy	10
15	Thrissur	21
16	Palakkad	11
17	Mannarkad	11
18	Nilambur South	14
19	Nilambur North	30
20	Nemmara	17
21	North Wayanad	17
22	South Wayanad	18
23	Kozhikode	17
24	Kannur	20
25	Kasargode	14
TOTAL		400

TABLE 8.7

DIVISION WISE NUMBER OF ECO-DEVELOPMENT COMMITTEES (EDC)

Sl. No.	Wildlife Division	No. of Eco-Development Committees
1	Parambikulam	7
2	Aralam	3
3	Silent Valley	7

Sl. No.	Wildlife Division	No. of Eco-Development Committees
4	Wayanad WL	15
5	Peechi	12
6	Thiruvananthapuram WL	31
7	Shendurney	9
8	Idukki	9
9	Munnar WL	22
10	Periyar East	35
11	Periyar West	40
TOTAL		190

TABLE 8.8 DETAILED STATISTICS ON VANA SAMRAKSHANA SAMITHIES

Sl. No.	Territorial Division	No. of VSS	Forest area under VSS (Ha)	No. of families		
				SC	ST	Others
1	Thiruvananthapuram	20	5936.00	394	1045	855
2	Thenmala	11	3200.00	332	408	1010
3	Punalur	15	4730.00	335	361	512
4	Konni	20	6905.00	266	92	1333
5	Ranni	34	5675.00	541	1053	2406
6	Achencoil	6	2700.00	181	141	288
7	Kottayam	13	3552.85	219	313	1465
8	Kothamangalam	10	2510.80	96	169	813
9	Munnar	11	11340.00	53	1047	577
10	Marayoor	23	1436.00	659	907	747
11	Mankulam	9	874.90	16	431	51
12	Malayattoor	17	26957.00	208	820	629
13	Vazhachal	11	14230.00	170	321	573
14	Chalakydy	10	4127.50	142	167	1598
15	Thrissur	21	3994.27	708	100	2455
16	Palakkad	11	2036.98	464	792	2009
17	Mannarkad	11	4976.00	75	537	512
18	Nilambur South	14	14099.00	199	328	1020
19	Nilambur North	30	22651.00	429	1203	4324
20	Nemmara	17	3407.00	667	302	2288
21	North Wayanad	17	13740.00	12	1538	839
22	South Wayanad	18	4416.00	67	1036	2519
23	Kozhikode	17	3901.00	310	95	2215
24	Kannur	20	5256.06	177	1608	3724
25	Kasargod	14	2480.20	342	411	2036
TOTAL		400	175132.56	7062	15225	36798

TABLE 8.9 DETAILED STATISTICS ON ECO-DEVELOPMENT COMMITTEES

Sl. No.	Wildlife Division	No. of EDC	Forest area under EDC (Ha)	No. of families		
				SC	ST	Others
1	Parambikulam	7	43.27	11	277	58
2	Aralam	3	1375.00	0	623	0
3	Silent Valley	7	868.80	23	184	197
4	Wayanad WL	15	0.00	18	716	70
5	Peechi	12	2800.00	178	171	487
6	Thiruvananthapuram WL	31	0.00	972	843	470
7	Shendurney	9	1950.00	207	0	346
8	Idukki	9	3850.00	0	276	473
9	Munnar WL	22	0.00	432	778	1251
10	Periyar East	35	0.00	0	0	0
11	Periyar West	40	0.00	1621	0	1736
TOTAL		190	10887.07	3462	3868	5088

VANASREE ECOSHOPS



During the year 2011-2012, vanasree ecoshops are started in various places to enable the vana samrakshana samithies to sale processed and semiprocessed non timber forest products collected by adivasis from forest areas. The profits from

these outlets are being ploughed back to the MFP collectors through the vana samrakshana samithies. The public will also be getting unadulterated and genuine forest products from these outlets. There are 36 vanasree ecoshops in the State under Forest Development Agencies (FDA) including 2 mobile units.

TABLE 8.10 | DIVISION WISE LOCATION OF VANASREE ECO-SHOPS

Sl. No.	Division	Name of Vanasree unit
1	Thiruvananthapuram	Ecoshop (Hqrs) Thiruvananthapuram
2	Thiruvananthapuram WL	Neyyar
3	Thiruvananthapuram WL	Kottoor
4	Thiruvananthapuram WL	Peppara
5	Achenkovil	Achenkovil
6	Thenmala	Palaruvi
7	Punalur	Ayur
8	Konni	Konni
9	Ranni	Angamuzhy
10	SF, Alappuzha	Kommadi
11	Malayattoor	Kodanad
12	Kothamangalam	Thommankuthu
13	Malayattoor	Mobile Vanasree Unit
14	Chalakyudy	Chalakyudy
15	Vazhachal	Athirappally
16	Vazhachal	Vazhachal
17	Munnar Wildlife	5 th Mile
18	Munnar Wildlife	Karimutty
19	Munnar Wildlife	Tahr No. 1
20	Munnar Wildlife	Lakkam
21	Munnar Wildlife	Pambadum Schola
22	Parambikulam, Wildlife	Parambikulam
23	Parambikulam, Wildlife	Anappady
24	Silent Valley National Park	Mukkali
25	North Wayanad	Mananthavady
26	Nilambur North	Aruvakode
27	Nilambur South	Nedumgayam (Manjeri)
28	Wayanad Wildlife	Muthanga
29	Wayanad Wildlife	Begur

Sl. No.	Division	Name of Vanasree unit
30	Wayanad wildlife	Tholpetty
31	Marayoor	Marayoor
32	Marayoor	Anakottappara - Kanthalloor
33	Schenduruny Wildlife	Schendurney FIC
34	Schenduruny Wildlife	Thenmala
35	Thiruvananthapuram	Mobile Vanasree unit
36	Kannur	Nedumpoyil

ECO-TOURISM DESTINATIONS

The eco-tourism in forest areas is implemented through forest development agencies. There are 60 eco-tourism destinations functioning in the State.

TABLE 8.11 DISTRICT WISE NUMBER OF ECO-TOURISM WILDLIFE SANCTUARIES AND NATIONAL PARK DESTINATIONS

Sl. No.	District	No. of destination
1	Thiruvananthapuram	6
2	Kollam	3
3	Pathanamthitta	5
4	Alappuzha	0
5	Idukki	9
6	Kottayam	2
7	Ernakulam	3
8	Thrissur	2
9	Palakkad	6
10	Malappuram	3
11	Kozhikkode	5
12	Wayanad	12
13	Kannur	3
14	Kasaragode	1
TOTAL		60

TABLE 8.12 | DETAILS OF ECOTOURISM, WILDLIFE SANCTUARIES & NATIONAL PARK DESTINATIONS IN KERALA

Sl. No.	Name of Destination	Importance	How to reach	Facilities available	Entrance fee/Service charges	Contact
I. THIRUVANANTHAPURAM DISTRICT						
1	1. Kottoor	Elephant ride, Sponsoring elephant feed, Bamboo rafting, Kattadikkunnu camp, Visit to interpretation centre, Rowing in the lake	By bus- 35 km from Thiruvananthapuram	A/c & Non-A/c cottages available, Kappukadu Erappupara-Mankode trekking, Kappukadu-Erappupara-Kizhakkumalappara trekking, Kappukadu-Kathirumudi trekking, Kappukadu-Kattadikkunnu trekking,	Entrance fee- Rs.35/- per Indian adult, Rs.20/- per Indian child, Rs.80/- per foreigner adult, Rs.45/- per foreigner child, Rowing in the lake- Rs.400/- per 4 indians, Rs.600/- per 4 foreigners, Bamboo rafting - Rs.100/- per indian, Rs.250/- per foreigner, Kappukadu-Erappupara-Kizhakkumalappara trekking- Rs.1000/- per 10 indians, Rs.1500/- per 10 foreigners, Kappukadu-Erappupara-Mankode trekking / Kappukadu-Kattadikkunnu trekking- Rs.2500/- per 10 indians, Rs.3500/- per 10 foreigners, Kappukadu-Kathirumudi trekking- Rs.3000/- per 10 indians, Rs.5000/- per 10 foreigners,	Deputy wadren, Kottoor-8547602969

Sl. No.	Name of Destination	Importance	How to reach	Facilities available	Entrance fee/Service charges	Contact
2	2. Neyyar	Lion safari park, Crocodile farm, Neyyar dam, Trekking, Boating in Neyyar lake, Agasthya ecotourism centre, Kombai cruise, Kottamanpuram cruise, Rowing,	By bus- 30 KM from Trivandrum 11 KM from Kattakkada	IB available, Boat /Bus safari, Boat /Bus jumbo safari, Meenmutty trekking, Meenmutty camp, Kombai camp	Boat safari / Lion Safari - Rs.395/- per Indian adult, Rs.200/- per Indian child, Rs.555/- per foreigner adult, Rs.315/- per foreigner child, Bus safari _ Rs.160/- per Indian adult, Rs.80/- per Indian child, Rs.315/- per foreigner adult, Rs.200/- per foreigner child, Agasthya ecotourism centre -Rs.20/- per Indian adult, Rs.10/- per Indian child, Rs.35/- per foreigner adult, Rs.30/- per foreigner child, Boat jumbo safari _ Rs.500/- per indian, Rs.750/- per foreigner, Kombai cruise -Rs.4750/- for 5 Indians, Rs.6750/- for 5 foreigners, Meenmutty Camp _ Rs.5250/- for 5 Indians, Rs.7750/- for 5 foreigners, Kombai camp - Rs.4750/- for 5 Indians, Rs.6750/- for 5 foreigners,	Asst.wildlife warden,Neyyar-8547602970
3	3. Peppara	Vazhuvanthol falls visit, Agasthyarkoodam trekking, Pandipath camp, Agasthyarkoodam view tower camp, Manchadikkanam Machan camp	By bus- 50 KM from Trivandrum	Temporary camp shed available	Vazhuvanthol falls visit - Rs. 1000/- for 10 persons (Indian child and adult) Rs. 2000/- for 10 persons (Foreign child and adult) Agasthyarkoodam trekking_Season - Rs.5000/- for 5 Indians, Rs.10000/- for 5 foreigners. Off season - Rs.2000/- per Indian, Rs.4000/- per foreigner.	Asst.wildlife warden, Peppara-8547602951

Sl. No.	Name of Destination	Importance	How to reach	Facilities available	Entrance fee/Service charges	Contact
4	4. Ponmudi	Ponmudi hills and adjacent areas	By bus- 61 KM (Trivandrum- Nedumangad- Vithura-Ponmudi)	IB (Water authority), Golden peak (KTDC), Govt. Guest house	Entry fee_ Rs.30/- per Indian Adult, Rs.10/- per indian Child, Rs.300/- per foreigner Adult, Rs.225/- per foreigner Child, Bike / Auto- Rs.15/-, Car / Jeep-Rs.30/-, Bus- Rs.60/-, Still camera - Rs.50/- Movie camera – Rs. 300/- Trekk group Rs. 500/- (min. 10 members) addnl. amount for extra members Rs. 60/- per head (max. 20 members) 3 hrs. Rs. 800/- (min. 10 members) addnl. amount for extra members Rs. 100/- per head (max. 20 members) 6 hrs. Rs. 1500/- (min. 5 members) addnl. amount for extra members Rs. 400/- per head (max. 10 members) 12 hrs. Rs. 4000/- (max. 5 members) 36 hrs. Including one night halt. Rs. 6000/- (max. 5 members) 60 hrs. Including two night halt. Trekking Special class Rs. 400/- per head for one hr. Rs. 600/- per head for 1-3 hrs. Rs. 750/- per head for 3-6 hrs.	Secretary, Ponmudi Vana Samrakshana Samithi 8547600986
5	5. Mankayam	Mankayam water falls and adjacent areas	By bus- (Trivandrum- Nedumangad- Peringamala- Mangayam)			Secretary, Mankayam Vana Samrakshana Samithi 9400879969
6	6. Kallar	Meenmutty waterfalls in the evergreen forests in foot hills of Ponmudi	By bus- 29 KM (Trivandrum- Nedumangad- Vithura-Kallar)			Secretary, Kallar Vana Samrakshana Samithi 8547600956

Sl. No.	Name of Destination	Importance	How to reach	Facilities available	Entrance fee/Service charges	Contact
II. KOLLAM DISTRICT						
7	1. Manalar Kumbhavurutty (Achencovil)	Evergreen forest, Grass land, Trekking Shola forest, Water falls, Pilgrimage, Achencovil temple of Lord Ayyappa	42 KM- (Punalur-Alimukku Mullumala-Achencovil) 80 KM- (Punalur-Thenmala-AryankavuShenkotta)	Waterfalls, Trekking, Nature camps, Sight seeing	Entry fee- Rs.25/- per Adult, Rs.10/- per Child (5 years to 15 years), Bike / Auto- Rs.20/-, Car / Jeep- Rs.30/-, Van / Mini bus- Rs.80/-, Bus- Rs.100/-,	DFO, Achencoil 9447979032 RFO, Achencoil 8547600500
8	2. Palaruvi (Thenmala)	Water falls, Bourdillons plot – First stumped teak plantation of Kerala in 1891	Punalur-36 KM Aryankavu-5 KM Shenkottai-20 KM Kollam-80 KM Trivandum-85 KM	Interpretation centre cum ticket counter, Vanasree eco shop, Palaruvi canteen, Bathing ghats, Visit to remains of the historical structures,	Entry fee- Rs 50/- per indian adult, Rs 25/- per indian child, Rs 30/- per student, Rs 100/- per foreigner Parking Bike / Auto- Rs.20/-, Tourist Bus- Rs.150/-, Car / Jeep- Rs.50/-, Van / Mini bus-Rs.100/-, Still camera- Rs.50/-, Movie camera-Rs.100/-, Trekking Indians - Rs 100/- Trekking foreigner- Rs 200/-	DFO,Thenmala,- 9447979037 RFO,Aryankavu- 8547601067 Palaruvi Ecotourism Office -0475 2211200, 2211700
9	3. Shendurney (Contd....)	Jungle safari, Soft trekking, Hard trekking, Night trekking, Boating, Jungle camping	Kollam- 66 KM	Trekking,boating, Camping in forests,Guide service, food,Furnished rooms, Jeep safari, Natural spa in streams,	Jungle safari :- Wet'n' wild trail- Rs.400/- per Indian adult, Rs.250/- per Indian child (8 to 12 years) above 12 years Rs. 400/- per child, up to 7 years ticket free. Rs.500/- per foreigner. Chenkurinji trail- Rs.400/- per Indian adult, Rs.250/- per Indian child (8 to 12 years) Rs.500/- per foreigner.	Wildlife Warden Shendurney- 9447979081

Sl. No.	Name of Destination	Importance	How to reach	Facilities available	Entrance fee/Service charges	Contact
	3. Shendurney				<p>Soft trekking :- Sky walk/ Myristica walk / Reservoir walk 1 hour adults Rs. 100 per person (minimum 4 pax) Students Rs. 50/- per student (High School) Rs. 100/- (Plus two onwards) 3 hour adults Rs. 1000/- (Minimum 2 pax) Rs. 500/- (extra person)</p> <p>Hard trekking:- Wet'n wild trail/ Edapalayam mount hike / Evergreen trail /LTM trail 6 hours adults Rs. 2500/- per person (Minimum – 2 pax) Rs. 500/- (extra person)</p> <p>Night safari by jeep_ Rs. 6000/- for 4 pax Rs. 500 (extra person)</p> <p>Boating:- Dawn 'n' dusk surfing (Special boating)_ Rs.300/- per Indian (minimum 8 pax Rs. 2400/- Rs.600/- per foreigner,</p> <p>Jungle camping:- Idimuzhangan nights / Woody rockwood / Kurunthotti top hut / Spa 'n' pallivasal - Rs.7500/- per 2 pax Extra person Rs. 1500/-</p> <p>Lake view 'n' kalamkunnu:- Rs.7500/- for 2 persons (for package) Rs. 5000/- for 2 persons</p> <p>Kalamkunnu Safari:- Rs. 60/- per person (minimum 10 pax) Coracle ride :- Rs. 400 per person (for trip) (maximum 4 pax) Bamboo Raft :- Rs. 100/- per person (minimum 5 pax) 30 minutes</p>	

Sl. No.	Name of Destination	Importance	How to reach	Facilities available	Entrance fee/Service charges	Contact
III. PATHANAMTHITTA DISTRICT						
10	1. Konni Elephant Camp	Forest based ecotourism development with focus on captive elephants, Elephant museum, Elephant bathing, Paper unit	Pathanamthitta-12 KM	Trekking, Rock climbing, Bird watching, Elephant ride, Elephant feeding, Vanasree shop, Childrens park	Rs.20/- per adult Rs. 5/- per child	04682342005 8547600610
11	2. Adavi	Bowl boat riding & Bamboo Hut	Konni-11 KM	----	Rs.500/- for short trip journey Rs.900/- for long trip journey Rs. 4000/- room upto 4 persons (excluding food) in Bamboo Hut	04682342005 8547600610
12	3.Gavi (Pachakkanam)	Being in the buffer zone of the famed periyar tiger reserve, the area is teeming with magnificent and exclusive flora and fauna, Cardamom plantations, Waterfalls,	Kottayam railway station-120 KM Cochin airport-170 KM Thekkady- 42 KM	Day package (Spice garden visits, Paddle boat ride, etc), Stay package (Spice garden visits, Paddle boat ride, Stay in either green mansions eco lodge or swiss cottage tents, etc),	Entry fee :- Rs. 60/- per Indian Rs. 120/- per foreigner, children below 13 yrs free Day package and Stay package are available there.	8289821306 8289821004 8547809270
13	4. Kattathi	Jeep Savari	-	-	Rs. 3000/- for 4 persons	
14	5. Kalleli – Kadampupara	Not Started				

Sl. No.	Name of Destination	Importance	How to reach	Facilities available	Entrance fee/Service charges	Contact
IV. KOTTAYAM DISTRICT						
15	1. Chellarkovil	Panoramic view of Cumbum valley in Tamilnadu	Thekkady-17 KM	Telescope watch tower garden	Service charges Entrance- Rs.20/-, Telescope- Rs.50/- Watch tower- Rs.30/-	8547601146
16	2. Kalvrimount	Panoramic view of Idukki arch dam reservoir and Idukki wildlife sanctuary	Thekkady-50 km (Along Kumily-Kattappana-Thodupuzha State highway) Painavu-15 km Kuttikkanam-55km	Resting huts Night staying huts Cafeteria Eco shop	Entrance- Rs.20/- Night staying huts- Rs.2000/- Parking Two wheeler Rs. 10/- Three wheeler Rs. 15/- Four wheeler Rs. 20/- Mini bus Rs. 50/-	8547601115
V. IDUKKI DISTRICT						
17	1. Viripara (Kainagiri)	Kainagiri water falls, Semi evergreen and grassland vegetation,	By road:- Munnar-23 km Adimaly- 28 km Kottayam-156 km Kumily-124 km Thiruvananthapuram-300 km, Aluva railway station -153 km Nedumbassery airport-153 km	Information centre cum eco shop	Waterfall seeing- Rs.20/- person Kannadipara trekking- Rs.300/- person Bathing Rs. 50/-	Range officer- 8547601560 Secretary- 8547601564 President- 9495768214

Sl. No.	Name of Destination	Importance	How to reach	Facilities available	Entrance fee/Service charges	Contact
18	2. Anakottapara Park	No.of dolmens (on the way from Marayoor to Kanthalloor)	Munnar-41 km Udumalpet railway station-47 km Coimbatore airport-110 km	Eco shop	Entrance- Rs-10/-	04865-252988 8594070438
19	3. Rajeev Gandhi Nature Park	A huge banyan tree,	Munnar-41 km Udumalpet railway station-47 km Coimbatore airport-110 km	Park visit,Coffee shop & eco shop	Entrance-Rs-10/-	04865-252988 9446524706
20	4. Periyar Tiger Reserve	Gavi & Thekkady, Project tiger, Panoramic view of undulating mountains, multifarious cultural peculiarities of tribal communities, Best place to observe wild animals at close quarters while cruising in the safety of a boat in Periyar lake	Kumily-3 km Cochin international airport-190 km Kottayam railway station-114 km	Jungle camping, Boating, Bamboo groves(lodging), Tribal dance, Trekking,	Entrance- Rs. 40/- per Indian adult, Rs. 10/- per Indian student (Below 12 years) Rs. 475/- per foreigner, Rs. 170/- per foreigner student (Below 12 years).	Thekkady Range- 04869 22947 Vallakkadavu Range- 04869 252515 Information centre- 04869 224571

Sl. No.	Name of Destination	Importance	How to reach	Facilities available	Entrance fee/Service charges	Contact
21	5. Eravikulam National Park	Eravikulam national park, Nilgiri thar, Lakkam waterfalls, Cascade walk, Kurinji trail	Munnar-12 km	Visit to rajamala, Eravikulam hut, Trekking, Birdwatching,	Entrance- Rs .25/- per Indian, Rs. 315/- per foreigner, Eravikulam National Park visit_ Rs. 120/- per Indian, Rs. 400/- per foreigner, Lakkam Waterfalls visit- Rs. 20/- per Indian, Rs. 20/- per foreigner, Cascade walk-Rs. 100/- per Indian, Rs. 100/- per foreigner, Kurinji trail- Rs. 150/- per Indian, Rs. 150/- per foreigner, Camping wild Rs. 3000/- for 2 Indians, Rs. 4000/- for 2 foreigners	Wildlife warden, Munnar-9447979093
22	6. Shola National Park (Contd....)	Camping wild, Log house, Stone house, Bison swamp, Ethnic hut	Mathikettan Shola National Park:- Munnar-34 km Theni railway station-55 km Cochin airport-140 km	Amenity centre, Ethnic hut, Trekking,etc	Mathikettan Shola National Park:- Entrance fee- Rs .25/- per Indian, Rs. 315/- per foreigner Log house- Rs. 1500/- for 2 Indians, Rs. 2500/- for 2 foreigners, Trekking- Rs. 325/- per Indian, Rs. 615/- per foreigner	Wildlife warden, Munnar-9447979093
			Anamudi Shola National Park:- Marayoor- 40 km Aluva railway station-150 km Cochin airport-160 km		Anamudi Shola National Park:- Entrance fee- Rs. 25/- per Indian, Rs. 315/- per foreigner Log house- Rs. 2000/- for 2 Indians, Rs. 3000/- for 2 foreigners, Stone house- Rs. 2000/- per 2 Indians, Rs. 3000/- per 2 foreigners,	

Sl. No.	Name of Destination	Importance	How to reach	Facilities available	Entrance fee/Service charges	Contact
	6. Shola National Park	Camping wild, Log house, Stone house, Bison swamp, Ethnic hut	Pambadum Shola National Park:- Munnar-35 km	Amenity centre, Ethnic hut, Trekking,etc	Pambadum Shola National Park:- Entrance fee- Rs. 25/- per Indian, Rs. 315/- per foreigner Log house- 4000/- per 2 Indians, Rs. 5000/- per 2 foreigners, Bison swamp- Rs. 4000/- per Indian, Rs. 5000/- per foreigner Ethnic hut- 4000/- per 2 Indians, Rs. 5000/- per 2 foreigners,	Wildlife warden, Munnar- 9447979093
23	7.Thommankuthu	Ancient caves , Thomankoothu waterfalls- (comprises a series of 12 falls over a distance of 5km). The height difference between first and the last one is about 500m.	Thodupuzha-18 km	Trekking, bathing ghats(during summer season), site seei ng, Walking through lush evergreen forest, bird watching, Vanasree eco shop, Interpretation centre	Entry fee- Rs 30/- per Adult and Rs 20/- per child Trekking- Rs 1500/- per 5 persons Camera- Rs 50/- Video- Rs 250/-	Vana Samrakshana Samithi Secretary- 8547601306 Range Officer, Kaliyar- 0486-2247591, 8547601302
24	8. Meenuzhinjan Para	Not Started				

Sl. No.	Name of Destination	Importance	How to reach	Facilities available	Entrance fee/Service charges	Contact
25	9. Chinnar Sanctuary	Wildlife sanctuary, Camping wild, Viewing diversity in altitude, Flora and fauna, Marayoor sandal forests, Pambar water falls, Tribal hamlets,etc	Munnar-40 km	Trekking, Sandal depot, Bird watching, Pambar log house, Koottar log house, Karakad tree nest, Night jar camping Churulipetty log house, Vashyappara mud house,	Entrance fee- Rs. 25/- per Indian, Rs. 315/- per foreigner Trekking(Koottar, Pambar, Churulipetty)- Rs. 225/- per Indian, Rs. 615/- per foreigner Trekking(Vashyappara) - Rs. 600/- per Indian, Rs. 1300/- per foreigner Pambar log house / Koottar log house / Churulipetty log house / Karakad tree nest- Rs. 3000/- per 2 Indians, Rs. 4000/- per 2 foreigners, Vashyappara mud house- 4000/- per 2 Indians, Rs. 5000/- per 2 foreigners,	Wildlife-Warden, Munnar- 9447979093
VI. ERNAKULAM DISTRICT						
26	1. Mulamkuzhy	Periyar river bank with riverine forest, Teak plantation, Mahaganithottam	Perumbavoor- 20km Aluva railway station-35 km Cochin international airport-20 km	Parking ground, Cafeteria, Vanasree eco shop, Trek path, Danger line indicator,	Visitors- Rs 20/- for Indian adult Rs. 10/- for Indian child Rs. 50/- for foreign adult & child Parking fee Bike / Auto-Rs.10/-, Light motor vehicle- Rs.25/-, Heavy vehicle- Rs.60/-, Camera-Rs.50/-Video-Rs. 100/-	DFO, Malayattoor- 944797953 8547604231

Sl. No.	Name of Destination	Importance	How to reach	Facilities available	Entrance fee/Service charges	Contact
27	2. Paniyeliporu	Periyar river bank with riparian forest, Water Falls.	Perumbavoor- 20 KM Aluva railway station-35 KM Cochin international airport-20 KM	Vanasree eco shop, Trek path, Parking ground, Cafeteria, Danger line indicator,	Visitors- Rs 20/- for Indian adult Rs. 10/- for Indian child Rs. 50/- for foreign adult & child Parking fee: Bike Auto-Rs.10/- Light motor vehicle- Rs.25/-, Heavy vehicle- Rs.60/- Camera-Rs.50/- Video-Rs. 100/-	DFO, Malayattoor- 944797953, Office: 8086666136
28	3. Kodanadu Elephant Camp	Situated near Periyar Bank		Rehabilitation Centre and Nature Appreciation Area	Entry fee- Indian adult Rs. 10/- and children above 5 years Rs. 5/- Rs. 25/- for foreigner Parking – Two wheeler Rs. 5/-, Car/Jeep Rs. 10/-, Mini bus / tempo Rs. 20/- Parking heavy vehicles Rs. 30/-	ACF NSC Kalady 9447979164 Office 0484 2468680

Sl. No.	Name of Destination	Importance	How to reach	Facilities available	Entrance fee/Service charges	Contact
VII. THRISSUR DISTRICT						
29	1. Athirapilly and Vazhachal	Water falls, Beautiful Vazhachal rapids,	Chalakkudy railway station-30 KM Cochin international airport-55 KM	IB & Dormitory, Nature camps, Trekking,	Entry fee:- Rs 30/- per indian adult, Rs 2/- per indian child, Rs 10/- per student, Rs 100/- per foreigner Parking fee:- Bike / Auto- Rs.10/-, Light motor vehicle-Rs.20/-, Medium vehicle- Rs.30/-, Heavy vehicle- Rs.50/-, Camera-Rs.20/-, Video Camera- Rs.200/-	DFO, Vazhachal 9447979055, 0480-2701713
30	2. Chimmony	Zone of Western Ghats, Medicinal plants diversity,	Thrissur railway station-35 KM Cochin international airport-60 KM	Trekking, Tented accomodation, Tree top huts, Bird watching, Bamboo rafting, Myna eco retreat, Dormitory	Trekking- Rs.200/- person Bamboo rafting- Rs.1000/-4 persons (minimum 4 person) Myna eco retreat- Rs.7500/- for 3 person Dormitory- Rs.160/- per bed per day	Asst. Wildlife Warden- 8547603451 Chimmony Range- 0480 2766972

Sl. No.	Name of Destination	Importance	How to reach	Facilities available	Entrance fee/Service charges	Contact
VIII. PALAKKAD DISTRICT						
31	1. Silent Valley	National park,Thick evergreen forest	Palakkad railway station-60 KM- (Palakkad to Mannarkad, on the way to Anakkatty, Mukkali stop.) Cochin international airport-165 KM	Visit to wet evergreen forests, Trekking, Nature education	Entry fee (By bus) – Rs 400/- per Indian adult, Rs 300/- per Indian student, Rs 700/- per foreigner. Entry fee (By jeep) - Rs 2000 - for 5 persons. Rs. 2300/- per foreigner Parking Light motor vehicle- Rs.15/- Heavy vehicle- Rs.20/-	04924-253225 8589895652 9645586629
32	2. Parambikulam Tiger Reserve (Contd....)	Tiger reserve, Bio diversity hot spot,	Palakkad- 100 km Coimbatore - 100 km Thrissur-120 km	Vehicle safari, Trekking, Bird watching, Dam view point, Vanasree eco shop, Camping facilities- (Tented niche, Honey comb, Civet valley, Veettikunnu island nest, Tree top huts, Cheetal valley, Bison valley,Bear hut,etc) Paid nature camps.	Entrance fee- Rs 25/- per Indian adult, Rs 315/- per foreigner, Light motor vehicle- Rs.80/-, Heavy vehicle- Rs.315/-, Camera- Rs.40/-, Video camera- Rs.315/-, Vehicle safari- Rs. 200/- per person Tented niche (Capacity:21) For Indians-s. 5500/-(week days), Rs. 6600/-(holidays), For foreigners-Rs. 8800/-(week days), Rs. 11000/-(holidays),	Information Centre, Anappady- 9442201690 9442201691

Sl. No.	Name of Destination	Importance	How to reach	Facilities available	Entrance fee/Service charges	Contact
	2. Parambikulam Tiger Reserve				<p>Honey comb accommodation (Capacity:18) :- For Indians-Rs. 4500/-(week days), Rs. 5500/-(holidays), For foreigners-Rs. 6600/-(week days), Rs. 7700/-(holidays)</p> <p>Veettikunnu Island nest (Capacity:5) :- For Indians-Rs. 8250/-(week days), Rs. 8800/-(holidays), For foreigners-Rs. 9350/-(week days), Rs. 11000/-(holidays)</p> <p>Tree top hut, Thunakadavu (Capacity:2) :- For indians-Rs. 4400/-(week days), Rs. 5500/-(holidays), For foreigners-Rs. 6600/-(week days), Rs. 8800/-(holidays)</p> <p>Tree top hut,Parambikulam (Capacity:2) :- For indians-Rs. 2750/-(week days), Rs. 3300/-(holidays), For foreigners-Rs. 3300/-(week days), Rs. 5500/-(holidays)</p> <p>Bear hut (Capacity:2) :- For Indians-Rs. 4400/-(week days), Rs. 5500/-(holidays), For foreigners-Rs. 6600/-(week days), Rs. 7700/-(holidays),</p>	<p>Information Centre, Anappady-9442201690 9442201691</p>

Sl. No.	Name of Destination	Importance	How to reach	Facilities available	Entrance fee/Service charges	Contact
33	3. Minnampara	Natural beauty of grass land and view point in Nelliampathy	Nenmara- 13 km Minnampara to Grass land-6 km (by Jeep)	—	Rs. 50/- per person Jeep :- Rs. 100/- per person Rs. 80/- Halt entry one day Rs. 100/- Halt entry two days Rs. 150/- Entry fee for foreigners Rs. 200/- Halt entry fee for foreigners one day Rs. 250/- Halt entry fee for foreigners two days Rs. 50/- Students pass	Section forest Officer- 8547602165, 8547602162
34	4. Dhoni	Water falls, Panoramic view	Dhoni- Palakkad railway station-12 km Ananganmala- PKD railway station-45 km	Bird watching , Trekking	Trekking- Rs. 300/- per person	DFO, Palakkad- 0491 2555156 Range Forest Officer, Olavakode 8745602072
35	5. Ananganmala	Panoramic view	Meenvallam- PKDrailway station-34 KM Nearest airport- Nedumbassey, Kozhikode & Coimbatore	Trekking	Rs. 20/- per adult Rs. 10/- per child	DFO, Palakkad- 0491 2555156 Range Forest Officer, Ottappalam- 8745602087
36	6. Meenvallam	Water falls		Trekking, Visit to wet evergreen forests	Rs. 20/- per adult Rs. 10/- per child	DFO, Palakkad- 0491 2555156 Range Forest Officer, Olavakode 8745602072

Sl. No.	Name of Destination	Importance	How to reach	Facilities available	Entrance fee/Service charges	Contact
VIII. MALAPPURAM DISTRICT						
37	1. Nedumkayam	Oldest teak plantation, Dawsons grave yard, Rain forests, Indigenous tribal groups	Nilambur railway station-13 KM	IB, Vanasree eco shop, Interpretation centre	Entry fee- Rs 35/- per indian adult, Rs 20/- per indian child , Rs 80/- per foreigner Parking fee Bike- Rs.40/-, Auto-Rs.40/-, Light motor vehicle- Rs.80/-, Heavy vehicle- Rs.315/- Still camera- Rs.40/- Video camera-Rs.240/-	Dy. Range Forest Officer, Nedumkayam- 8547602263 Range Office- 04931 270296 DFO, Nilambur (South)- 04931 220392
38	2. Kozhippara	Natural waterfalls, Cool climate, Undulating mountain rows view	Kakkadampoyil - 2km Nilambur -25 km Malappuram -60 km Kozhikode - 90 km	Ticket cum information centre, Toilet facility, Pathway, Handrail.	Entry fee- Rs 20/- per indian adult, Rs 10/- per indian child Rs 40/- per foreigner, Rs 20/- per foreign child Still camera- Rs.25/- Smart phone- Rs.10/- Movie camera- Rs.150/-	Range officer, Edavanna- 8547602168
39	3. Adyanpara	Fully operated by DTPC, Malappuram				

Sl. No.	Name of Destination	Importance	How to reach	Facilities available	Entrance fee/Service charges	Contact
X. KOZHIKODE DISTRICT						
40	1. Kakkayam (Malabar Sanctuary)	Dam site and water falls	Kozhikode- 56 KM	Waterfalls, Trekking in hillocks, Guides.	Rs 40/- per adult, Rs 20/- per student Rs. 60/- per foreigner	DFO, KKD-9447979073 Thamarassery Range Officer 8547602830
41	2. Peruvanna-muzhy	Crocodile rescue center, Indian institute of spices research, Agricultural farm	Kozhikode - 45 km	Trekking, Guides	Rs 30/- for adult, Rs 15/- per student, Rs. 50/- per foreigner	DFO, KKD-9447979073 8547602838
42	3.Thusharagiri	Water falls	Kozhikode - 54 km	Trekking, Nature education, Guides	Rs 30/- for adult, Rs 15/- per student, Rs. 50/- per foreigner	DFO, KKD -9447979073 8547602818
43	4.Kakkavayal	Bio-diversity garden	Kozhikode - 41 km	Guides	Rs 30/- for adult, Rs 15/- per student, Rs. 50/- per foreigner	DFO, KKD-9447979073 8547602792
44	5. Janakikkad	Low elevation ever green forest	Kozhikode - 50 km	Trekking, Guides	Rs 30/- for adult, Rs 15/- per student, Rs. 50/- per foreigner	DFO, KKD-9447979073 8547602773

Sl. No.	Name of Destination	Importance	How to reach	Facilities available	Entrance fee/Service charges	Contact
XI. WAYANAD DISTRICT						
45	1. Tholpetty	Wildlife sanctuary	Sultan bathery-65 KM Kozhikode railway station-129 KM	Trekking, Vehicle safari, Eco shop, Dormitory, Serambi	<p>Entry – Rs 145/- per Indian adult, Rs 60/- per Indian student. Rs 350/- per foreigner.</p> <p>Light motor vehicle- Rs.80/ Still camera- Rs.40/- Video camera- Rs.240/- Interpretation centre–Rs. 10/- Cerambi rent (1st floor) - Rs.2945/- per day, Rs. 1695/- (Ground floor) Dormitory rent- Rs.230/- head per bed</p>	Asst.wildlife warden, Tholpetty range- 04935 250853
46	2. Muthanga	Wildlife sanctuary	Sultan bathery-14 KM Kozhikode railway station-110 KM	Vehicle safari, Eco shop, Dormitory, Serambi, Eco hut, Honey processing unit,	<p>Entry - Rs 145/- per Indian adult, Rs 60/- per Indian student. Rs 350/- per foreigner.</p> <p>Light motor vehicle- Rs.80/ Still camera- Rs.40/- Video camera- Rs.240/- Interpretation centre–Rs. 10/- Cerambi rent (1st floor) - Rs.2945/- per day, Rs. 1695/- (Ground floor) Dormitory rent- Rs.230/- per head per bed</p>	Asst.wildlife warden, Muthanga range- 04936 271010, 271015

Sl. No.	Name of Destination	Importance	How to reach	Facilities available	Entrance fee/Service charges	Contact
47	3. Thirunelli Pakshipathalam (Brahmagiri Hills)	Temple, Pakshipathalam, Brahmagiri Hills,	Sultan bathery-71km	Rain forests, shola, Trekking	Rs. 1995 + 18% GST for 5 Indian adults Rs. 2625 + 18% GST for 5 foreigners	R.O., Begur-8547602504 Section Forest Officer-9495318823
48	4. Banasuramala	Trekking	Kalpetta-25 km		Entry fee- Rs 36/- per Indian adult, Rs 18/- per Indian student. Rs 71/- per foreigner. Camera- Rs.89/- for Indians, Rs 89/- for foreigners	DFO, South Wayanad-04936 203428, 9447979075 Range Officer-8547602715
49	5. Pakkam-Kuruva	Island	Sultan bathery-36km	Visit to riparian forest, Rafting.	Entry fee- Rs 95/- per adult, Rs 65/- per student Parking fee- Bike- Rs.12/-, Auto- Rs.36/-, Light motor vehicle-Rs.59/-, Heavy motor vehicle- Rs.95/- , Camera- Rs.59/-	DFO, south wayanad-9447979075 Range Officer-8547602737
50	6. Soochippara	Waterfalls	Kalpetta- 24 km		Entry fee- Rs 107/- per foreigner Parking fee- Bike- Rs.6/- 4 wheeler - Rs.36/- Heavy motor vehicle - Rs.89/-	DFO, South Wayanad-04936 203428, 9447979075 Range Officer-8547602680

Sl. No.	Name of Destination	Importance	How to reach	Facilities available	Entrance fee/Service charges	Contact
51	7. Chembra Peak	Trekking	Kalpetta- 25 km	Trekking	<p>Entry fee- Rs 24/- per Indian adult, Rs 18/- per Indian student. Rs 36/- per foreigner.</p> <p>Camera-Rs.47/- for Indians, Rs 94/- for foreigners</p> <p>Trekking 10 members- Rs.855/- for Indians and Rs 1770/- for foreigner (5 members)</p>	<p>DFO, South wayanad- 04936 203428, 9447979075</p> <p>Range Officer- 8547602680</p>
52	8. Neelimala			Not started		
53	9. Camel Hump			Not started		
54	10. Vythiri			Not started		
55	11. Muneeswaran Kunnu Makkimala	Stay cum trekking, Hill view	Thalapuzha-Mananthavady- Thalapuzha forest station- Makkimala-Muneeswaran-kunnu- 5 km and 15 km from Mananthavadi	Tents with biotoilets	<p>Entry fee Rs.35 + 18% of GST for Indian adult and 20 + 18% GST for Indian child Rs. 45 + 18% GST for foreign adult and foreign child. The above fee for trekking also</p> <p>Camping Rs. 2100 + 18% GST for 15 Indians and Rs. 3000 + 18% GST for 15 foreigners</p>	<p>Range Officer, Begur- 8547602504</p> <p>Dy. Range Officer- 87547602520</p> <p>Secretary, Makkimala Vana Samrakshana Samithi- 8547602526</p>

Sl. No.	Name of Destination	Importance	How to reach	Facilities available	Entrance fee/Service charges	Contact
56	12. Meenmutti Waterfalls, Makkiyad	Waterfalls, Childrens park	Mananthavady 4 th mile-Korome spot-Korome village office road - 2 KM 26 KM from Mananthavady	Childrens park	Entry fee- Rs 50 + 18% GST per adult, Rs 30 + 18% GST per child. Rs. 75 + 18% GST for foreign adult and child	Range Officer, Mananthavady- 8547602 480 Dy. Range Officer, 7547602481 Secretary, Chalil Vana Samrakshana Samithi - 8547602483
XII. KANNUR DISTRICT						
57	1. Paithalmala	Grass land with semi shola forest, Pond	Kannur railway station-60 km Kozhikode airport-172 km	Basic infrastructure facilities	Entry fee- Rs .30/- per Indian adult, Rs. 15/- per Indian student Rs. 100/- per foreigner. Camera- Rs.40/-	8547602621

Sl. No.	Name of Destination	Importance	How to reach	Facilities available	Entrance fee/Service charges	Contact
58	2. Aralam Wildlife Sanctuary	Bio diversity hot spot, Malabar pied hornbill, Diurnal primates and nocturnal species, Meenmutti waterfalls	Iritty town- 20 Km Thalassery railway station-70 Km Kozhikode airport-150 KM	IB & Dormitory	Entry - Rs .115/- per Indian adult, Rs. 40/- per Indian student Child (13 to 18 yrs) Rs.10/- per Indian student / child (below 13 yrs) Rs. 360/- per foreigner. Vehicle- Rs.110/- Still camera- Rs.40/- Movie camera_ Rs.240/-, Dormitory rent- Rs.160/- per head ,Rs.50/- per student, IB rent- Rs.900/- per day	Aralam Wildlife Division 0490 2493160 Aralam Wildlife Range- 0490 2413160
59	3. Kanhirakolly (Azhakapuri Water falls)	Waterfalls of 20 to 25m height	Kannur Rl.way station-75 KM Karipoor Airport-152 KM	Safety barricade, Resting place	Entry fee- Rs 20/- per Indian adult, Rs 10/- per Indian student. Rs 200/- per foreigner. Camera- Rs.40/-	8547602628
XIII. KASARGOD DISTRICT						
60	1. Ranipuram	Scebic beauty of grass land and trek path	Kanhangad- 45 km	DTPC Cottage, toilet	Entry fee- Rs 30/- per Indian adult, Rs 15/- per Indian student. Rs 100/- per foreigner	8547602600, 601, 605

INCOME FROM ECO-TOURISM ACTIVITIES

A. TERRITORIAL DIVISIONS: An amount of 1667.94 lakh has been generated towards eco-tourism activities in various eco-tourism centres in 22 territorial divisions in the State.

TABLE 8.13 DETAILS OF TOURISTS AND INCOME GENERATED FROM ECO-TOURISM ACTIVITIES IN TERRITORIAL DIVISIONS OF KERALA FOREST DEPARTMENT DURING 2017-18

Sl. No.	Division	Name of range	Location of eco-tourism centre	No. of Visitors				Income generated (in rupees)
				Native	Foreigners	Students	Total	
1	Thiruvananthapuram	Palode	Ponmudi	448097	3356	28155	479608	12643075
			Mankayam	46951	95	2932	49978	1338385
		Paruthippally	Kallar	108322	1449	19615	129386	2822682
2	Thenmala	Aryankavu	Palaruvi	173792	150	25485	199427	9134965
3	Achencovil	Achencovil	Manalar-Kumbhavuruty	35518	0	3500	39018	1217085
4	Punalur	Anchal	Kudukkathupara	10647	0	0	10647	270785
5	Ranni	Goodrical	Pachakkanam	35507	581	0	36088	1100070
6	Konni	Konni	Eco Tourism & Tree Top Huts	187092	161	27564	214817	6786210
			Adavi	Adavi	86282	425	8358	95065
		Naduvathumoozhy	Gavi Bus Tour	2177	0	261	2438	3971600
			Kattathi Jeep Safari	139	0	17	156	41000

Sl. No.	Division	Name of range	Location of eco-tourism centre	No. of Visitors				Income Generated (in rupees)
				Native	Foreigners	Students	Total	
7	Kothamangalam	Kaliyar	Thommankuthu	78809	331	7042	86182	2378700
8	Kottayam	Kumily	Chellarcovil	5182	304	1094	6580	97365
		Ayyappancoil	Kalvari mount	162356	0	2182	164538	1396406
9	Mankulam	Mankulam	Kainagiri(Viripara)	28876	1220	2911	33007	1301140
			Nakshathrakuthu	1450	50	267	1767	123590
10	Marayur Sandal	Marayur	Rajiv Gandhi National Park	6382	285	8115	14782	66670
		Kanthalloor	Anakottapara Park	34882	2666	39302	76850	375480
11	Vazhachal	Charpa	Athirappally	1324074	15773	283668	1623515	47774674
			Vazhachal	120271	528	17031	137830	4196450
12	Malayattoor	Kodanad	Paniyeliporu VSS	124986	326	401	125713	2951200
		Kalady	Mulamkuzhy VSS	45299	0	191	45490	1115100
		Thundathil	Bhoothathankettu	51112	31	2388	53531	940595
13	Mannarkkad	Agali	Singapara	6130	33	0	6163	181824
			Thodukappu	3653	0	0	3653	36497
14	Nilambur South	Karuli	Nedungayam	16927	19	3724	20670	745849
15	Nilambur North	Edavanna	Conolly Plot, Aruvacode	166152	315	43477	209944	4637985
			Kozhipara	88111	122	6063	94296	1844530
		Nilambur	Chandakkunnu	7748	120	2815	10683	248755

Sl. No.	Division	Name of range	Location of eco-tourism centre	No. of Visitors				Income Generated (in rupees)
				Native	Foreigners	Students	Total	
16	Palakkad	Ottappalam Olavakkode	Ananganmala	33852	0	0	33852	649380
			Meenvallam Waterfalls	47830	0	0	47830	926400
			Dhoni Waterfalls	13655	0	0	13655	1365500
17	Nemmara	Kollengode	Minnampara	22567	6	685	23258	1529780
18	Kozhikode	Thamarassery	Thusharagiri	181099	1504	14614	197217	5799740
			Kakkad	11357	0	887	12244	372140
			Kakkavayal	2960	0	494	3454	96210
		Peruvannamuzhi	Peruvannamuzhi	23999	0	10558	34557	878340
		Kuttiady	Janakikkad	15921	0	5555	21476	570105
19	Wayanad North	Begur	Brahmagiri Trekking	758	130	762	1650	519505
			Chirapullu	410	55	11	476	140350
		Mananthavady	Muneeswarakunnu	11000	0	424	11424	473290
20	Wayanad south	Kalpetta	Banasura -Meenmutty	169477	724	34383	204584	6252279
		Meppady	Soochippara	126156	523	32875	159554	11524177
			Chembra	34476	394	1245	36115	2872104
		Chedalathu	Pakkom-Kuruva	134212	176	11177	145565	9643147
21	Kannur	Thaliparamba	Paithalmala	62421	15	1788	64224	1063710
			Azhakapuri Waterfalls	28609	18	1628	30255	598590
22	Kasargod	Kanhangad	Ranipuram	37715	49	2420	40184	1100250
TOTAL				4365398	31934	656064	5053396	166794064

B. WILDLIFE DIVISIONS: An amount of 1373.11 lakh has been generated towards eco-tourism activities in National Parks and Sanctuaries in wildlife divisions in the State.

TABLE 8.14 DETAILS OF TOURISTS AND INCOME GENERATED FROM ECO-TOURISM ACTIVITIES IN WILDLIFE DIVISIONS OF KERALA FOREST DEPARTMENT DURING 2017-18

Sl. No.	Name of Wildlife Sanctuary / National Park	District	Division	No. of Visitors				Income generated (in rupees)
				Native	Foreigners	Students	Total	
1	ABP range , Kottoor	Thiruvananthapuram	TVPM WL Division	82387	4921	0	87308	2497850
2	Neyyar WLS			75561	1564	0	77125	6614120
3	Peppara WLS			9256	35	0	9291	1321384
4	Shenduruney WLS	Kollam	Shenduruney WL	2110	15	2785	4910	3448130
5	Thattekad bird sanctuary	Eranakulam	Idukki WLS	68213	793	6815	75821	2274630
6	Idukki WLS	Idukki		11336	41	1500	12877	2622215
7	Malabar Sanctuary	Kozhikode	Kozhikode	66584	55	1640	68279	2026965
8	Wayanad WLS	Wayanad	Tholpetty EDC	43131	1126	8097	52354	6446192
			Muthanga EDC	67715	1785	13727	83227	10032628
9	Parambikulam Tiger Reserve	Palakkad	Parambikkulam	85714	522	3197	89433	48032736
10	Periyar East Tiger Reserve	Idukki	Thekkady in PTR	0	0	0	35039	29413960
			Vallakkadavu PTR	0	0	0	549	1199500
11	Silent Valley NP	Palakkad	Mukkali	19840	73	1621	21534	1460484

Sl. No.	Name of Wildlife Sanctuary / National Park	District	Division	No. of Visitors				Income generated (in rupees)
				Native	Foreigners	Students	Total	
12	Eravikulam NP	Idukki	Munnar wildlife	585843	11449	0	597292	16909089
13	Chinnar WLS			22027	1861	0	23888	1066071
14	Pampadum shola NP			6008	257	0	6265	215284
15	Chimmony WLS	Thrissur	Peechi	49837	30	375	50242	1460818
16	Aralam WLS	Kannur	Aralam	6813	10	2275	9098	269396
TOTAL				1202375	24537	42032	1268944	137311452

TRIBAL CO-OPERATIVE SOCIETIES

TABLE 8.15 | DIVISION / RANGE WISE DETAILS OF TRIBAL CO-OPERATIVE SOCIETIES

Sl. No.	Division	Range	Name of society
1	Thiruvananthapuram	Kulathupuzha	Pottamavu ST Service Co-op Society, Reg. No. T618
		Paruthippally	Pottamavu ST Service Co-op Society, Madathara P.O.
2	Thenmala	Aryankavu	Aryankavu Girijan Co-op. Society, Aryankavu
3	Punalur	Anchal	Vanchiyodu SC/ST Society Ltd.No.Q1032, Venkolla.P.O, Madathara
4	Ranni	Ranni	Chollanavayal Girijan Service Co-op. society Ltd. No. Q 759 Adichippuzha
5		Vadasserikkara	Perunthenaruvu Girijan Service Co-op. Society Ltd No. Q 763, Vechoochira P.O
6		Goodrical	Seethathodu- Chittar Tribal Co-op. Society.

Sl. No.	Division	Range	Name of society
7	Mankulam	Mankulam, Anakulam	Adimali Girijan Service Society
8	Munnar	Adimali, Neriya Mangalam	Adimali Girijan Service Co-op. Society No. 3887
9	Marayoor	Marayoor, Kanthalloor	Devikulam Scheduled Tribe Service Co-operative Society
10	Kottayam	Nagarampara	Vazhathope ST Service Co-op. Society, Idukki
11	Kothamangalam	Thodupuzha, Mullaringad, Kaliyar	Tribal Co-op. Society, Vazhathoppe
12	Thrissur	Pattikkad/Vadakkancherry/Machad	Thalappilly Taluk girijan service co-op. society Ltd No. R-673
13	Palakkad	Olavakkode, Walayar	Malampuzha Pattika Varga Co-op. Society
14	Mannarkad	Agali	Sholayar Girijan Co-op. Society
15			Kottathara Tribal Co-op Society
16		Attappadi, Mannarkad	Kurumba Tribal Co-op Society
17	Nemmara	Nelliyampathi, Kollengode	Pattikavarga Sevana Sahakarana Sangam Ltd, Malampuzha.
18	Nilambur North	Edavanna, Nilambur, Vazhikkadavu	Nilambur SC/ST Co-op. Society, Ramankuth
19	Nilambur South	Kalikavu, Karulai	Nilambur Tribal Co-op. society (No. M/114)
20	Wayanad South	Chedleth	Pulpally ST Co-op. Society
21			Sulthan Bathery ST Co-op. Society
22		Meppady, Kalpetta	Meppady ST Co-op. Society
23	Wayanad North	Begur	Thirunelly Tribal Co-op. Society, Appapara, Thirunelly. P.O.
24	Kozhikkode	Kuttiadi, Thamarasserry	Vilangad ST Service Co-op. Society
25	Kannur	Thalipparamba, Kottiyoor, Kannavam	Nedumpoyil ST Service Co-op. Society, Nedumpoyil
26	Kasaragod	Kanjanagad	Panathady Scheduled Tribes Services Co-operative Society Ltd.
27	Periyar East	Thekkady	Periyar Honey Processing Unit

TIMBER DEPOTS



A total of 28 number of timber depots are managed by the department for the purpose of retail and whole sale of timber.

TABLE 8.16 CIRCLE WISE NUMBER OF TIMBER DEPOTS

Sl. No.	Circle	Sales division	No. of depots
1	Southern Circle, Kollam	Thiruvananthapuram	5
		Punalur	6
2	High Range Circle, Kottayam	Kottayam	4
3	Central Circle, Thrissur	Perumbavur	5
4	Eastern Circle, Palakkad	Palakkad	3
5	Northern Circle, Kannur	Kozhikode	5
TOTAL			28

TABLE 8.17 CIRCLE WISE DETAILS ON TIMBER DEPOTS

Sl. No.	Circle	Sales Division	Depots	
1	Southern Circle, Kollam	Thiruvananthapuram	1	Kulathupuzha
			2	Thenmala
			3	Aryankavu
			4	Mullumala (Annex)
			5	Achenkovil
		Punalur	6	Kadakkamon
			7	Pathanapuram
			8	Konni
			9	Arekkakavu
			10	Tuet
			11	Veeyapuram
2	High Range Circle, Kottayam	Kottayam	12	Parampuzha
			13	Vettikkadu
			14	Thalakkode
			15	Kothamangalam
3	Central Circle, Thrissur	Perumbavoor	16	Veetoor
			17	Varapuzha
			18	Mudikkal
			19	Chalakkudy
			20	Chettikulam
4	Eastern Circle, Palakkad	Palakkad	21	Aruvakkode
			22	Nedumkayam
			23	Walayar
5	Northern Circle, Kannur	Kozhikode	24	Chaliyam
			25	Kuppadi
			26	Baveli
			27	Kannothu
			28	Parappa

ABBREVIATIONS

ABBREVIATIONS		
1	EFL	Ecologically Fragile Land
2	CHR	Cardamom Hill Reserves
3	PA	Protected Area
4	FD(PT)	Field Director (Project Tiger)
5	ABP	Agasthyavanam Biological Park
6	NP	National Park
7	TS	Timber Sales
8	DFL	Degraded Forest Land
9	NFL	Non Forest Land
10	FCA	Forest Conservation Act
11	KFDC	Kerala Forest Development Corporation
12	NTFP	Non Timber Forest Produce
13	FTC	Forestry Training Centre
14	I&E	Inspection & Evaluation
15	IMG	Institute of Management in Government
16	EEL	Extension Education Institute
17	CASFOS	Central Academy for State Forest Service
18	IHRD	Infrastructure and Human Resource Development
19	WL	Wildlife
20	RIDF	Rural Infrastructure Development Fund
21	CSS	Centralized Sponsored Scheme
22	EAP	Externally Aided Project
23	APO	Annual Plan of Operation
24	CAMPA	Compensatory Afforestation Fund Management and Planning Authority
25	SC	Southern Circle
26	HRC	High Range Circle
27	CC	Central Circle
28	EC	Eastern Circle
29	NC	Northern Circle
30	WLS	Wildlife Sanctuaries

ABBREVIATIONS

31	RRT	Rapid Response Team
32	KFRI	Kerala Forest Research Institute
33	NTCA	National Tiger Conservation Authority
34	MoEF&CC	Ministry of Environment, Forest and Climate Change
35	IUCN	International Union of Conservation of Nature
36	WP	Working Plan
37	VSS	Vana Samrakshna Samithies
38	EDC	Eco-Development Committies
39	SF	Social Forestry
40	FDA	Forest Development Agency
41	SFPF	Special Forest Protection Force
42	MFP	Major Forest Produce
43	FTC	Forest Training Centre
44	FIC	Forest Information Centre
45	NSC	Nature Study Centre
46	BS	Bird Sancturries
47	FSI	Forest Survey of India
48	EAP	Externally Aided Project
49	KF Act	Kerala Forest Act
50	WLP Act	Wildlife Protection Act



KERALA FOREST DEPARTMENT

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